

63.01
Canada
1911-1912

63.01

BRARY
ent of
ic-
1912
on, D. C.

1912 SIMMERS'

ANNUAL SEED CATALOGUE

AND
CULTIVATOR'S
GUIDE.
TORONTO.



SIMMERS'
PERFECTION DOUBLE FRINGED
ANNUAL PINKS - MIXTURE
PER PKT. 15¢, 2 PKTS. 25¢

LAWN GRASS SEED

Our GRASS SEED is the best for our Canadian Climate. With it you can have LAWNS, GRASS PLOTS, CRICKET GROUNDS, GOLF LINKS, TENNIS COURTS, Etc., as soft as velvet, and as green as emerald all summer long. Price 30c per pound, postpaid 35c. per pound.

SIMMERS' LAWN ENRICHER

10 lbs sufficient for 300 square feet. This dressing is so prepared that it acts gradually through the season, producing a luxuriant growth of grass without weeds, which are always produced when manure is used. 5 lbs 50c, 10 lbs 75c, 25 lbs \$1.25, 50 lbs \$2.00, 100 lbs \$3.50.

GRASS SEED REQUIRED

1 lb for	300 square feet	25 lb for one-fourth acre
5 " "	1500 " "	50 " " one-half " "
10 " "	3000 " "	100 " " one " "
15 " "	4500 " "	

If intended for renovating an old lawn, about half the above quantities are sufficient for the given spaces.

SIMMERS' "TORONTO PARKS" LAWN GRASS SEED will form a close, thick turf in a few weeks' time, with no tendency to stool or grow in clumps. It roots deeply and withstands severe drought without turning brown, maintaining its beautiful deep green color throughout the season. We have made the formation of permanent lawns a study for years, and the finest lawns in this country to-day were obtained by using our "Toronto Parks" Lawn Grass Seed, which is composed of various grasses that grow and flourish during different months of the year, so that a rich, deep green velvety lawn is constantly maintained, rivaling the famous lawns of Old England.

If people only knew how comparatively easy it is to make a lawn with our "Toronto Parks" Lawn Grass Seed, the days of using sod, with all the attendant expense, would soon be over.

A beautiful lawn, with its close, velvety turf, is a most essential feature in the adornment of suburban homes—without it the finest flowering plants and bedding seem insignificant, while with it, handsome grounds are assured, even with no other adornment.



"TORONTO PARKS" MIXTURE, Finest quality (with or without White Clover) —Per lb 30c, postpaid 35c.; 5 lbs \$1.40, 25 lbs \$6.75, 100 lbs \$25.00. (Carriage extra.)

WHITE DUTCH CLOVER, for mixing with Lawn Grass Seed—Per lb 60c.; postpaid 65c.

"SHADY NOOK" MIXTURE—For sowing under trees and in shady places. It will not only grow in such places, but forms a fine sward where few other grasses can exist. Sow 40 lbs per acre. Per lb 35c, postpaid 40c.

"BOWLING GREEN and TENNIS LAWN" GRASS MIXTURE—Per lb. 30c.; postpaid 35c.

"PUTTING GREEN" GRASS MIXTURE—The varieties comprising this mixture are all of the finest bladed, low growing and most hardy kinds. Per lb. 30c.; postpaid 35c.

"GOLF LINKS" GRASS SEED—The mixture we offer is comprised of such varieties of grasses as will thrive here, and such as have given general satisfaction on many golf courses. Lb 30c, postpaid 35c.; 5 lbs \$1.40, 25 lbs \$6.75, 100 lbs \$25.00.

BLUE GRASS, for Lawns, Extra Clean—Per lb 30c, postpaid 35c, 10 lbs \$2.75.

RED TOP, for Lawns, Extra Clean—Per lb 30c, postpaid 35c, 10 lbs \$2.75.

PENNSYLVANIA LAWN MOWERS

The Latest Improved, Easiest Running and Hand-somest Mowers Made.

In buying the Pennsylvania you have satisfaction in knowing you have a Lawn Mower that will do double the work each season with less repair and have a Lawn Mower for future use when others are consigned to the old iron pile.

Every machine is warranted to work as represented.



Low Wheel

10 inch, 8 inch wheel.....	\$ 8.50	16 inch, 8 inch wheel.....	\$12.00
12 " " "	10.00	18 " " "	13.00
14 " " "	11.00		

High Wheel

15 inch, 10½ inch wheel.....	\$25.00	19 inch, 10½ inch wheel.....	\$19.00
17 " " "	17.00	21 " " "	21.00

Braun Grass Catcher

Adjustable to Pennsylvania Mowers only.

10 inch.....	\$1.80	15 and 16 inch.....	\$2.25
12 "	1.90	17 " 18 "	2.50
14 "	2.10	19 " 21 "	2.75

Pennsylvania Junior

This High Wheel Mower, with the ball-bearing feature, suggests great power. In high and tangled grass, the least amount of exertion is required. On uneven ground this machine cuts the grass smoothly and uniformly.

Five knife cylinder, 10 inch wheel—15 inch, \$16.00; 17 inch, \$18.00; 19 inch, \$20.00; 21 inch, \$22.00.

Pennsylvania Horse Lawn Mower

30-inch cut, 4 knives, (open cylinder) with handles and draft irons; weight 360 pounds.....	\$ 90.00
30-inch cut, 6 knives (open cylinder), with handles and draft irons; weight 370 pounds.....	100.00
38-inch cut, 4 knives (open cylinder), with handles and draft irons; weight 400 pounds.....	120.00
38-inch cut, 6 knives, with handles and draft irons, for golf grounds; weight 410 pounds.....	125.00
Extra for shafts, seat, spring and footboard on above Horse Mowers, \$20.00.	

Pennsylvania Lawn Trimmer

6-inch cut, 4 steel blades, ball bearing; will cut to within ¼ of an inch of wall or tree trunk and mow any border wide enough to run one wheel. Price, \$6.00.

Pennsylvania Ball Bearing Undercut Lawn Trimmer. Price \$9.00

Pennsylvania Lawn Cleaner and Rake

This machine will do the work of three men; gathers up grass, fallen leaves and all loose rubbish. Price, 24-inch sweep, \$13.00.

Canadian Lawn Mowers

The "Woodyatt"—Tool steel knives, oil tempered. Bearings are extra long and adjustable. Best quality material used throughout its construction. Four-knife cylinder. 10½ inch drive wheels. Made with grass box attachment. 10½ inch High Wheel (four blades)—12 inch \$4.75; 14 inch, \$5.00; 16 inch, \$5.25; 18 inch, \$5.50.

The "Star"—Cast steel knives, oil tempered. Three-knife cylinder; 9 inch drive wheels. 9 inch Open Wheel (three blades)—12 inch, \$3.75; 14 inch, \$4.00; 16 inch, \$4.25.

BIEDER Adjustable Grass Catcher, \$1.00 each.

Champion Lawn Mower Sharpener. Price, each 50c

TORONTO, CAN.

Order Number

Date sent

Please Do Not Write Here.

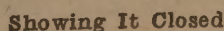
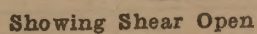
Customers having their goods sent by freight to a FLAG STATION must allow for PREPAY FREIGHT, otherwise they will be sent to NEAREST STATION. Always name your Railway.

Amount Carried Over.

BE SURE TO SIGN YOUR NAME.

TOTAL, - - - - - \$

(See
Cuts)



REMARKS

N.B.—Kindly give us the names and addresses of some of your acquaintances who use Vegetable or Flower Seeds.—J. A. S.

1912

TO Our Friends and Patrons

GREETING:

EARLY ORDERS
SOLICITED



THIS being the fifty-seventh year since establishing our Seed, Bulb and Plant business in Toronto, in greeting our numerous old friends and patrons and tendering them **Our Annual Cultivators' Guide and Catalogue of Seeds, Bulbs and Plants, etc. for 1912**, we take this opportunity of returning our sincere thanks for their recognition of our efforts to supply them with everything good and reliable, and we trust that they will continue to extend to us that liberal share of their patronage which we may fairly claim, and to deserve which we have at all times done our utmost by honest and square dealing.

OUR CATALOGUE

We here wish to say, that, despite our efforts to make mention in this Catalogue of our large and varied stock, many articles are unavoidably omitted. We shall cheerfully procure and furnish prices of anything obtainable for our numerous customers. Please

write for anything in the seed line you may wish to procure which you do not see mentioned in this Catalogue.

In compiling our Catalogue we give descriptions free from all appearances of exaggeration, and make our engravings as true to type and nature as possible, considering well the fact that a Seedsman's Catalogue should be rational in its tone, educational in its matter, and as clearly descriptive of the things offered as a limited space will allow. It is our desire to make our Catalogue serviceable as a book of reference, and as clear as possible, so that it will not be simply looked at and thrown aside.

OUR STOCKS

Our seed stocks have been kept up to our high standard of excellence; our plants are well-grown and thrifty; our bulbs are selected with the greatest care; our tools and implements are from the best manufacturers in their respective lines, and our fertilizers are of the highest grade procurable.

OUR PRICES

It is our constant aim to make highest quality a first consideration, and then to make our prices as low as good, honest seeds can be sold. Our prices for seeds of the highest standard of excellence, therefore, will in all cases be found as low as those of any other reliable house. "Our success achieved can only be maintained by the methods that obtained it."

ORDERS

We endeavor to be as liberal as possible in filling orders, and strive to send our customers goods that will be satisfactory in every way. The greatest care will, as heretofore, be bestowed in putting up all orders, large or small. Amateurs not acquainted with the varieties offered, will, by leaving the selection to us, be liberally and judiciously supplied. Our aim will always be to give every satisfaction to the purchaser, both in quality of goods, and in the manner of packing and forwarding. Orders should be plainly written in ink.

ABOUT WARRANTING SEEDS

It is impossible for us to guarantee the crop in any way, as there are so many causes that operate against the growth and productiveness of the seeds, over which we can have no control. We give no warranty, expressed or implied, as to description, quality, growth, productiveness, kind, or any other matter, of any Seeds, Plants or Bulbs we sell; nor will we hold ourselves in any way responsible for the crop. If the purchaser does not accept the goods on these conditions, they must be returned at once, and the money that has been paid will be refunded. Agents are not authorized to change the above conditions and terms of sale.

OUR PUBLICATIONS

We issue the following Catalogues and Price Lists during the year:—
January 1st—Simmers' Annual Seed Catalogue, Illustrated Guide for Amateur Gardeners, Market Gardeners' Catalogue, Florists' Semi-Annual Price List, Dealers' Price List of Seeds.

June 1st—Florists' Semi-Annual Price List of Forcing Bulbs, etc.
September 1st—Autumn Catalogue of Dutch and other Fall Planting Bulbs, etc.

Please Read Carefully What We Do

Seeds by Mail—We send free by mail, all seeds priced by the packet, ounce or quarter pound; and all seeds quoted by the pound, except Beans, Field Beets, Field Carrots, Corn, Mangels, Peas, Rape, Field Turnips and Swedes, Clover, Grasses; to these varieties **Five cents per pound** must be added for postage to postoffices in Canada, fifteen cents per pound or fraction thereof to Newfoundland, and one cent per ounce to United States.

We guarantee that every packet we send out by mail will reach its destination in good condition. If a package is lost we will replace it.

We pack all seeds carefully, and they will carry with safety to any part of the world.

Completion of Orders—As the season advances our stocks of some varieties become exhausted. In such cases we substitute with an article of the same variety, of equal quality, or return the money. Potatoes, bulbs, plants, etc., will be sent only when all danger of frost is past.

Errors—Should any error occur we desire to be informed of it, and promise to make such corrections as will be perfectly satisfactory.

What Customers Should Do

Forward money with your order, by post-office order, postal note, express order, bank draft, or registered letter. All money sent by any one of the above ways will be at our risk.

Be sure and write your name and address plainly, as we very often get letters without names, and others without the postoffice address or county. Keep a copy of your order by marking in your Catalogue, opposite the variety the quantity ordered of each by so doing you will know when your goods arrive if all is correct.

SEND YOUR ORDERS EARLY—By doing so you are sure of getting all your order promptly, for as the season advances some varieties run short.

Ladies should always prefix their names with Miss or Mrs., as the case may be.

Correspondents should always sign their names alike each time. Ladies very often sign their husband's name in sending an order, and then again their own name in making enquiry about it, or vice versa. This leads to confusion.

Should you receive an extra copy of our Catalogue, or have no use for this one, kindly hand it to someone who would likely be wanting seeds, etc.

Always give shipping instructions when ordering large quantities of seeds, etc. Say whether by freight or express, and state the railway. Should instructions not be given, we shall use our best judgment.

Should you make any change in your permanent address, please notify us, that we may be able to forward our Catalogue to you.

Important—Should you not receive your seeds, etc., in a reasonable time after sending your order, advise us of the fact, enclosing a duplicate order and state the date the order was mailed, the amount of money enclosed; and in what form. On receipt of this we will at once investigate the matter, but if duplicate order is not sent we cannot do so promptly.

Goods ordered shipped to any flag station must have **freight prepaid**. Please allow for same in remittance, or we shall ship to the nearest station.

Seeds ordered by the peck or bushel will be sent either by express or freight at purchaser's expense.

Address all orders and other communications to

J. A. SIMMERS, LIMITED,

TORONTO

Offices and Seed Warehouses—

141, 143, 145, 147, 149, 151 KING STREET EAST

Special Premium

On Orders Accompanied by CASH and at Retail Catalogue Price

25c. WORTH OF SEEDS **EXTRA** Will be allowed on each **ONE DOLLAR** sent for Seeds in **PACKETS** and **OUNCES**

(Except Ounces of Cauliflower)

Thus:— Customers sending \$1.00 may select \$1.25

" " 2.00 " " 2.50

" " 3.00 " " 3.75 and so on.

This premium applies **ONLY** to orders of **ONE DOLLAR**, or more, for seeds in **PACKETS** and **OUNCES**. (Special offers and Collections are not included.) We fill an order for 25 cents as carefully as one for 25 dollars. **BUT** we cannot afford to allow this liberal premium **UNLESS** the Seed in packets and ounces amount to one dollar. **It should be understood plainly that this premium does not apply to seeds by the quarter-pounds, pounds or quart, nor to Bulbs nor Plants, upon which prices are net.** Please do not ask us to include any of these in this premium.

MAIL ORDERS

So simple; so sure. Select from this Catalogue what's wanted. Order by mail, and you can depend on the minutest wants being supplied.

INDEX

NOTE

For table showing quantities of seeds, grains and plants required for an acre—see page 34.

VEGETABLES AND FIELD SEEDS

FLOWER SEEDS

Collections.....	6
Artichokes.....	8
Asparagus.....	8
Barley.....	35
Beans.....	8-9-35-38
Beets, Table.....	10
Beets, Sugar.....	30
Borecole.....	9
Broccoli.....	9
Brussels Sprouts.....	10
Buckwheat.....	35
Cabbage.....	11
Cardoon.....	12
Carrots.....	12-30
Cauliflower.....	13
Celery.....	14
Chervil.....	13
Chicory.....	13-30
Chives.....	12
Citron.....	18
Clover.....	40
Corn, Sugar and Pop.....	15
Corn, Ensilage.....	37
Corn, Broom.....	37
Corn, Kaffir.....	38
Corn Salad.....	12
Cress.....	12
Cucumber.....	16
Dandelion.....	15
Egg Plant.....	15
Endive.....	13
Flax.....	35
Forage Plant, Mand.....	38
Garden Lemon.....	18
Garlic.....	16
Gourds.....	16
Grass Seeds.....	39-40
Herbs.....	29
Horse Radish.....	26
Hungarian Grass.....	39
Kale.....	9-35
Kohi Rabi.....	17
Leek.....	17
Lettuce.....	17
Mangels.....	30-31
Martynia.....	19
Melons, Musk.....	18
Melons, Water.....	19
Millet.....	38-39
Mushroom Spawn.....	19
Mustard.....	19
Nasturtium.....	19
Oats.....	36
Onions.....	20-21
Onion Sets.....	21
Okra.....	22
Parsley.....	22
Parsnips.....	22
Peanuts.....	25
Peas, Garden.....	24-25
Peas, Field.....	35-38
Pepper.....	22
Potatoes.....	23
Potatoes, Sweet.....	23
Pumpkins.....	22
Radishes.....	26
Rape or Cole.....	35
Rhubarb.....	25
Rye.....	35
Salsify.....	25
Salt Bush, Australian.....	38
Scorzonera.....	25
Sea Kale.....	27
Shallu.....	38
Speltz.....	35
Spinach.....	27
Squash.....	27
Sugar Cane.....	38
Sunflower.....	38
Tares.....	35
Teosinte.....	38
Tomatoes.....	28
Tobacco.....	28
Tree Seeds.....	34
Turnip, Table.....	29
Turnip, Field.....	32-33
Vegetable Plants.....	34
Vetch Sand.....	38
Wheat.....	35
Wild Rice.....	29
Winter Cherry.....	28

Collections.....	44-67
Abobra.....	45
Abonia.....	45
Abutilon.....	45
Acacia.....	45
Achillea.....	45
Aconitum.....	45
Acroclonium.....	45
Adonis.....	45
Agathaea.....	45
Ageratum.....	45
Agrostemma.....	45
Alleghany Vine.....	45
Alonsoa.....	47
Aloysia.....	47
Alyssum.....	47
Amaranthus.....	47
Ammobium.....	45
Amelopsis.....	45
Anagallis.....	47
Ancusa.....	47
Angelonia.....	47
Antirrhinum.....	48
Aquilegia.....	48
Arabian Primrose.....	48
Arabis.....	47
Arctotis Grandis.....	47
Aristolochia.....	48
Armeria.....	48
Asparagus.....	48
Asperula.....	48
Asters.....	46-47
Auricula.....	48
Australian Glory Pea.....	51
Balloon Vine.....	48
Balsams.....	49
Balsam Apple.....	58
Bartonia.....	48
Beet.....	48
Begonia.....	53
Bellis Perennis.....	53
Bleeding Heart.....	53
Bocconia.....	48
Brachycome.....	48
Browallia.....	48
Butterfly Flower.....	64
Cacalia.....	48
Cactus.....	48
Calandrinia.....	48
Calceolaria.....	49
Calendula.....	49
California Golden Bells.....	49
California Poppy.....	55
Calipso.....	49
Callirhoe.....	49
Campanula.....	50
Canary Creeper.....	50
Candytuft.....	50
Canna.....	50
Canterbury Bells.....	51
Carnation.....	49
Castor Oil Bean.....	50
Celaena.....	52
Centaurea.....	52
Centranthus.....	51
Cerastium.....	51
Centrosema.....	50
Chrysanthemum.....	51
Chinese Primrose.....	63
Cigar Plant.....	53
Cineraria.....	50
Clarkia.....	51
Clematis.....	51
Cleome.....	51
Clinanthus.....	51
Clinantia.....	51
Clover, Sweet.....	57
Cobaea.....	51
Coccoloba.....	52
Cockscomb.....	52
Coleus.....	52
Collinsia.....	52
Collomia.....	52
Convolvulus.....	48
Corn Flower.....	52
Correopsis.....	49
Cosmos.....	52
Cowslip.....	53
Cucumis.....	53
Cuphea.....	53
Cyclamen.....	53

Cyclanthera.....	53
Cyperus.....	53
Cypress Vine.....	53
Dahlia.....	53
Daisy.....	53
Datura.....	53
Delphinium.....	54
Dianthus.....	54
Dictamnus.....	53
Dielytra.....	53
Digitalis.....	53
Dolichos.....	53
Dracena.....	53
Dracocephalum.....	53
Dusty Miller.....	52
Dutchman's Pipe.....	48
Eccremocarpus.....	55
Echeveria.....	54
Erythrina.....	55
Dielythia.....	55
Euphorbia.....	55
Evening Primrose.....	60
Everlastings.....	55
Ferns.....	55
Feverfew.....	57
Flos Adonis.....	45
Forget-Me-Not.....	55
Foxglove.....	53
Four O'Clock.....	57
Fragaria.....	55
Freesia.....	55
Fuchsia.....	55
Gaillardia.....	55
Gamolepis.....	55
Gentiana.....	55
Geranium.....	55
Gilia.....	55
Gilly Flower.....	66
Glaucoma.....	55
Globe Amaranth.....	55
Gloxinia.....	55
Godetia.....	55
Golden Feather.....	63
Gourds.....	56
Grasses, Ornamental.....	55
Grevillea.....	55
Gypsophila.....	56
Helianthus.....	56
Helichrysum.....	56
Heliotrope.....	56
Helipterum.....	56
Hesperis.....	56
Hibiscus.....	56
Hollyhock.....	56
Honesty.....	56
Hops.....	56
Humea.....	56
Hunemannia.....	56
Hyalanth Bean.....	53
Ice Plant.....	58
Impatiens Sultan.....	56
Ipomoea.....	56
Ipomopsis.....	56
Kalanchoe Carnea.....	56
Kaulfussia.....	56
Kochia.....	56
Lantana.....	56
Larkspur.....	54
Lavatera.....	56
Lavender.....	56
Layia.....	56
Lemon Verbena.....	47
Lily of the Valley.....	56
Limnanthes.....	57
Linaria.....	57
Linum.....	57
Lobelia.....	57
Lophospermum.....	57
Love-in-a-mist.....	57
Love-lies-bleeding.....	47
Lupinus.....	57
Lychnis.....	57
Malva.....	57
Malope.....	57
Marguerite.....	51
Marigold.....	57
Martynia.....	57
Marvel of Peru.....	57
Mathiola.....	57
Matricaria.....	57
Maurandia.....	57
Melilotus.....	57
Melothria Punctata.....	57
Mesembryanthemum.....	58
Mignonette.....	58
Mimulus.....	58
Mina Lobata.....	58
Mixtures.....	67
Monkey Flower.....	58
Moon Flower.....	58

Morning Glory.....	58
Momordica.....	58
Mourning Bride.....	64
Musk Plant.....	58
Musa.....	58
Myosotis.....	55
Nasturtium.....	59
Nemophila.....	58
Nicotiana.....	58
Nierembergia.....	60
Nolana.....	60
Oenothera.....	60
Ornamental Grasses.....	55
Oxalis.....	60
Palma Christi.....	50
Pansies.....	61
Passion Flower.....	60
Pentstemon.....	60
Perilla.....	60
Petunia.....	62
Phlox.....	60
Physalis Franchetti.....	60
Picotee Pinks.....	60
Pinks.....	54
Platycodon.....	60
Podolepis.....	60
Polemonium.....	60
Polyanthus.....	60
Polygonum.....	60
Poppy.....	62
Portulacca.....	60
Pot Marigold.....	49
Primrose.....	63
Primula.....	63
Pyrethrum.....	63
Rhodanthe.....	63
Rock Cress.....	47
Roses.....	63
Rudbeckia.....	63
Salpiglossis.....	64
Salvia.....	64
Santivallia.....	64
Saxifraga.....	64
Scabiosa.....	64
Scarlet Runners.....	64
Schizanthus.....	64
Sea Lavender.....	64
Sedum.....	64
Senecio.....	64
Sensitive Plant.....	64
Silene.....	64
Smilax.....	64
Snadragon.....	48
Snake Cucumber.....	53
Snow in Summer.....	51
Solanum.....	64
Stevia.....	64
Stocks.....	66
Stone Crop.....	64
Swainsonia.....	56
Swan River Daisy.....	48
Sweet Peas.....	52
Sweet Sultan.....	52
Sweet William.....	54
Tagetes.....	66
Thunbergia.....	66
Tormentilla.....	66
Tunica.....	56
Umbrella Plant.....	53
Venus Looking Glass.....	66
Verbena.....	66
Veronica.....	66
Vinca.....	66
Viola.....	66
Violet.....	66
Virginia Stock.....	67
Virgin's Bower.....	51
Viscaria.....	67
Wallflower.....	67
Whitlavia.....	67
Wigandia.....	67
Wild Cucumber.....	67
Wild Garden Mixture.....	67
Xeranthemum.....	67
Zea.....	67
Zinnia.....	67

Ornamental Trees.....	86
Raspberries.....	88
Rhubarb.....	25
Sea Kale.....	26
Shrubs, Hardy.....	86
Strawberries.....	88

Violet.....	84
Virginia Creeper.....	85
Wisteria.....	85
Zephyranthes.....	73

MISCELLANEOUS

Bags.....	36
Baskets.....	92
Beekkeepers' Supplies.....	100
Bellows.....	90
Bird Seed & Requi-sites.....	29
Bone Cutters.....	96
Books.....	7-14-20-28-29-39-96
Brooders.....	99
Camomile.....	29
Caponizers.....	96
Cattle Comfort.....	Back Cover

Cattle Food.....	36
Chick Food.....	97
Clover Cutter.....	96
Corn Planter.....	93
Corn Shelter.....	93
Cultivators.....	93-94-95
Dairy Supplies.....	Back Cover

Dog Biscuits.....	98
Feed Stuffs.....	36
Fertilizers.....	Back Cover
Flower Stands.....	91
Flower Tubs.....	92
Fumigators.....	90
Garden Tools.....	90-91-92
Garden & Green-house Requisites.....	90-91
Gall Cure.....	96
Glaiziers' Points.....	90
Grass Catcher.....	Inside Front Cover
Grass Seeds, Lawn.....	Front Cover and 39
Grist Mills.....	96
Harrows.....	93
Incubators.....	99
Insecticides.....	89
Lawn Cleaner.....	Inside Front Cover

Lawn Mowers.....	Inside Front Cover
Lawn Rollers.....	90
Lawn Rakes.....	91
Lawn Mower Sharpeners.....	Inside front cover
Lawn Sand.....	back cover
Lawn Trimmer, Front Cover.....	90
Mastica.....	90
Mica Crystal.....	97
Milking Tubes.....	101
Oyster Shells.....	97
Peat.....	90
Pigeon Food.....	97
Plant Food.....	Back Cover
Plant Dibbler.....	90
Plant Stakes.....	69-90
Plant Stands.....	91
Plows.....	93
Potato Cutter.....	91
Pots.....	93
Poultry Supplies.....	96-98
Putty.....	91
Putty Bulb.....	91
Roffia.....	91
Rolling Stands.....	90
Root Pulper.....	93
Seed Drills.....	94-95
Seed Sowers.....	39-40-93
Shears.....	91
Spratt's Patent Goods.....	98
Spray Pumps.....	88
Sprayers.....	89
Sprinklers.....	91
Straw Cutter.....	93
Syringes.....	91
Thermometers.....	91-96-98
Tree Pruners.....	92
Tree-Tanglefoot B. cover.....	92
Trowels.....	92
Vases.....	92
Water Cans.....	92
Weeders.....	92
Weed Killer.....	Back Cover
Wheelbarrows.....	92
Wheel Hoes.....	94-95
Wire.....	92
Worm Eradicator.....	Back Cover

PLANTS AND BULBS

Collections.....	68-71-73-75-83-84
Agapanthus.....	74
Ageratum.....	74
Akebia.....	85
Alternanthera.....	74
Amaryllis.....	68
Amelopsis.....	85
Annuals.....	77
Apios Tuberosa.....	68
Araucaria.....	77
Asparagus.....	74
Begonia, Tuberous.....	68
Begonia, Flowering.....	74
Bessera Elegans.....	68
Bignonia, Radicans.....	85
Boston Ivy.....	85
Bougainvillea.....	74
Caladium.....	72-74
Calla.....	72
Canna.....	68
Carnations.....	75
Chinese Primroses.....	74
Chrysanthemum.....	75
Cinnamon Vine.....	68
Clematis.....	85
Clivia.....	75
Chlidanthus.....	68
Cobaea Scandens.....	75
Cooperia Drummondii.....	72
Coleus.....	75
Crinum.....	68
Cyclobothra Flava.....	68
Cyclamen.....	72-75
Cypella Herberti.....	72
Cyperus.....	74
Dahlias.....	69
Daisies.....	77
Dracena.....	75
Dutchman's Pipe.....	85
Ferns.....	77
Fuchsias.....	75
Geraniums.....	76
Gladiolus.....	70
Gloxinia.....	71, 75
Grevillea.....	74
Heliotrope.....	76
Hibiscus.....	75
Hollyhocks.....	82
Honeysuckles.....	85
Hyacinthus Cand.....	72
Hydrangea.....	76-86
Impatiens.....	77
Iris.....	83
Ismene.....	68
Ivy, English.....	77-85
Lantana.....	76
Lemon.....	77
Lemon Verbena.....	76
Lilies.....	71
Lily of the Valley.....	72
Madeira Vine.....	76
Manettia Vine.....	72
Milla Biflora.....	73
Montbretia.....	72
Musa Ensete.....	



"COPENHAGEN MARKET" CABBAGE

In introducing this new variety from Denmark we have the assurance of the grower that it is second to none as a second early cabbage. The heads are large, weighing 14 to 16 lbs., globe shaped, and remarkably solid; the outside leaves are well developed. (See Illustration.) We have received a limited supply of this seed direct from the originator, and do not hesitate to recommend it to our customers.

Pkt. 10c, oz. 50c, 2 oz 90c, 1 lb \$1.75.



"Earlibell" Tomato

TOMATO - EARLIBELL

THE BEST OF THE EXTRA EARLY REDS

This new tomato is the earliest and most prolific in cultivation. This has been proved by conclusive tests, both in trial grounds and in field cultivation. It comes into market five days ahead of Earliana and out-yields that sort very noticeably. In smoothness it is unexcelled, even by such varieties as Beauty and Stone. The flavor is delicate and pleasing for eating when sliced raw. In size it is from 3 to 4 inches in diameter, very uniform in size and shape, and to an unusual degree it ripens all the Tomatoes on a cluster at once. The vines are vigorous and hardy with medium heavy foliage, setting fruits close to the stem, and bearing continuously until frost.

Pkt 5c, oz 30c, 2 oz. 55c, 1 lb \$1.00.

Bean - Burpee's Improved Bush Lima

The earliest, largest and best of all large Limas. This new and distinct variety differs from the old Burpee's Bush Lima in several important features. Both the pods and beans are not only much larger in size but also much thicker. The stiff upright bushes are more vigorous in growth, with heavier foliage. It is fully 8 to 10 days earlier than any other Lima. This feature alone would suffice to make it the most popular of all large Limas. Owing to the extra large size of both pods and Beans, the yield is much greater than that of Burpee's Bush Lima. The Beans are thin-skinned and of delicious flavor.

Pkt 10c, 1b 25c, 2 lb 45c, 5 lbs \$1.00

Bean - Fordhook Bush Lima.

The only stiffly erect form of the popular "Potato" Lima. Pods and Beans are twice the size of Dreer's Bush Lima. This variety was created by nature as a single sport in a field of Challenger Pole Lima, in 1903. The foliage is like that of the large Pole Limas, leaves being large, smooth and of a dark, rich green. It is an immense cropper and fully as early as Burpee's Bush Lima. Fordhook Bush Lima possesses an additional merit over all others of its type in that the green beans, even when of full size are tender, juicy and sweet when cooked—as distinct from the dry and mealy character of other varieties.

Packet 10c, 1b 25c, 2 lb 45c, 5 lb \$1.00.



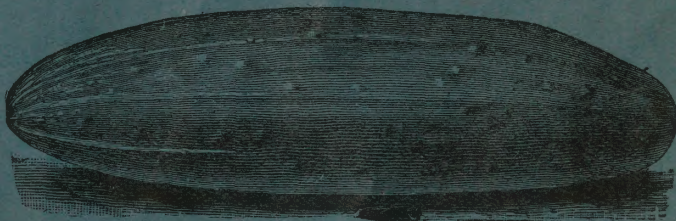
Fordhook Bush Lima Bean

RED CABBAGE

DANISH STONEHEAD

A very superior variety, heads round and compact, color intense red. The outer leaves are medium in size and covered with a silvery sheen. Keeps very well through the winter and is highly recommended.

Pkt 10c, oz 50c, 2 oz 90c, 1 lb \$1.75.



Fordhook Famous Cucumber

CUCUMBER, FORDHOOK FAMOUS

The finest flavored of all,—the handsomest and best long green Cucumber, of the true White Spine type. Vines produce an enormous crop, being of unusually vigorous growth. It is perfectly smooth, and very dark green, the fruits measuring 12 to 18 inches long; they are always straight, never turn yellow, and are extra solid. The flesh is white, firm, crisp, and of delicious flavor.

Packet 5c; oz. 15c; 2 oz. 25c; 1 lb 40c; 5 lb \$1.30.

RADISH

PERFECTION RED, WHITE TIPPED TURNIP

This new Radish is a remarkably attractive variety. As will be seen from the illustration, it is turnip shaped, and the white top extending near half way up the root causes the brilliant color of the top to show up in strong contrast. An excellent market variety. Packet 5c; oz. 10c; 2 oz. 20c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.

Boston Market Olive-Shaped Radish

A very superior selection, somewhat resembling French Breakfast in shape, but shorter and thicker than that variety. The white tip, as will be seen from the illustration, is well developed, giving the roots a most attractive appearance. Very early and has a short top. Packet 5c; oz. 10c; 2 oz. 20c; $\frac{1}{4}$ lb. 30c; lb. \$1.00.



Crimson Giant Radish

Crimson Giant Radish

This radish is an entirely new type and differs radically from all varieties hitherto in cultivation, in so far as its roots attain more than double the size of those of other forcing varieties, without getting pithy or hollow. It is very early, color crimson, flesh pure white, of the best quality. Fine either for outdoor or forcing. The seed should be sown very thinly to permit full development of the roots.

Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 90c.

MUSK MELON, ISBELL'S GRAND

This splendid Melon is a sport from the Osage, which it resembles in quality, but differs somewhat in color and markings, and is more uniform in size. It is at least 10 days earlier than Osage, has a more vigorous vine and is a greater yielder. The fruit is nearly round, slightly ribbed, of a peculiar pea green color, with nettings of a lighter shade. The flesh is firm, fine grained, of a rich salmon or red color, and of excellent flavor, and is very thick, extending quite to the outer shell. Packet 15c; oz. 20c; 2 oz. 30c; $\frac{1}{4}$ lb. 50c.

Sure Crop

Stringless Wax

Bush Bean

This new variety, which is being offered for the first time this season, is a Wax-podded Bush Bean of remarkable vigor and productiveness. It is very hardy and is practically free from rust. The pods, which are of a rich yellow color, are perfectly stringless at all stages of development, and for either market purposes or private use, we consider this one of the best Beans ever introduced.

Pkt 10c, lb 30c, 2 lb 55c, 5 lb \$1.30, peck \$3.75.

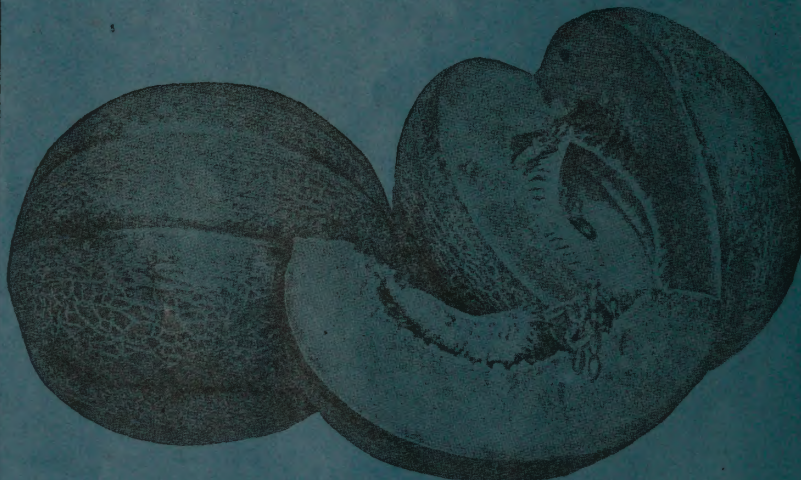


Sure Crop Stringless Wax Bush Bean

Irondequoit Musk Melon

(RE-SELECTED)

Of all the varieties of Musk Melon that have ever been introduced none has acquired such popularity or been so generally admired as the **Irondequoit**. When in season it holds the market to the exclusion of all others; and gardeners, truckers, home-growers, and buyers unanimously pronounce it the finest in appearance, best flavored, and for all purposes the peer of Musk Melons. Our illustration shows a perfect melon. In form it is nearly round, slightly flattened at the ends, and is of good size. Its fine netted skin, yellow when ready for picking, and its beautiful dark orange-colored flesh, added to its rich, rare, and spicy flavor, at once places the **Irondequoit** far in advance of all others. Pkt. 5c; oz. 20c; 2 oz. 30c; $\frac{1}{4}$ lb. 50c.



"Irondequoit" Musk Melon



Laxtonian Pea—A Dwarf Early Pea with pods as large as Telephone

Laxtonian Pea, the New Dwarf Gradus

This new Dwarf Pea is the largest podded of all the early Dwarfs. We consider it the greatest advance in Dwarf Peas since the introduction of Nott's Excelsior, and it must soon displace the other varieties in this class.

Season early, pods as large as Telephone and well filled with eight to ten large peas; peas of exquisite flavor; vine vigorous and productive. We are positive the variety will become a standard in a couple of more seasons.

Pkt 15c, 2 pkts 25c, $\frac{1}{2}$ pt 35c, pt 60c, 2 lb \$1.10.



Johnson's "Silver Bell" Pickling Onion

Onion Johnson's "Silver Bell" Pickling

This excellent variety is the result of continuous painstaking selection, and is the smallest and earliest Silver Skin Onion in existence, being 10 to 14 days earlier than Barletta.

Pkt 15c, oz 50c, 2 oz 90c, $\frac{1}{2}$ lb \$1.75.



Count Zeppelin Cabbage Lettuce

Count Zeppelin Cabbage Lettuce

No Cabbage Lettuce has as yet been introduced which stands heat and drought as well as "Count Zeppelin." The results of exhaustive trials have proved its quality, particularly in warm weather. In color it is dark green with brown edge and inside it is of a clear light yellow. The head is large and well turned in. It is slow to run to seed and can be cut almost three weeks later than any other variety, and cuts tender to the last head. This is a most excellent introduction and will prove an all round variety for market growers and for private gardens. Pkt 5c, oz 20c, 2 oz 30c, $\frac{1}{2}$ lb 50c.

Rivenhall Wonder Pea

This grand, early, large-podded wrinkled marrow Pea has steadily increased in popular favor, as everyone who plants Rivenhall Wonder Pea recommends it to his neighbors.

The distinctive merits of Rivenhall Wonder Pea over any other variety are its extreme earliness, combined with its abundant production of immense pods, each filled with from 6 to 10 true, large, wrinkled marrow peas of the most delicious flavor, as large, as sweet and as tender as the finest late wrinkled marrow pea grown. When one considers peas of this superior size and quality are ready for picking only a day or two later than the little round-seeded hard-shell "Extra Earlies," one realizes what a valuable acquisition Rivenhall Wonder Pea really is.

The vine of Rivenhall Wonder Pea is of vigorous, robust growth, about 20 inches high, heavy-stemmed, with luxuriant healthy foliage; it bears uniformly large, handsome pods of large and luscious peas, and although it commences bearing so early it continues for a long time; the peas also remain sweet and tender for some time after they are fit to pick. (see cut).

Large pkt 10c, lb 35c, 2 lbs 60c, 5 lbs \$1.50, peck \$4.00.



Rivenhall Wonder Pea

Carter's Danby Stratagem Pea

A distinct improvement on the original Stratagem, having longer, straighter, and broader pods, very freely produced. The haulm is very robust, and extends to a height of 2½ feet, bearing a profusion of immense pods, many six inches in length, and frequently containing ten large full-flavored Marrow Peas.

Price—Large pkt 10c, lb 30c, 2 lbs 55c, 5 lbs \$1.30, peck \$3.50.

Simmers' Collections of Garden Seeds

FOR THE CITY AND SUBURBAN GARDEN

NOTE—They are free by mail on receipt of price. Not subject to any discount or premiums.

THESE COLLECTIONS CONTAIN
Only True and Tried Kinds

Considering the extremely low rates we cannot possibly permit any change in the varieties.

No. 1 \$ Collection 25 Pkts

Bean—Simmers' Giant Wax.
Beet—Blood Turnip.
Cabbage—Vandergaw.
Carrot—Scarlet intermediate.
Celery—White Plume.
Corn, Sweet—Cory.
Cucumber—Chicago Pickle.
Cucumber—Long Green.
Lettuce—Simpson's Early.
Muskmelon—Montreal Green Nutmeg.
Watermelon—Cuban Queen.

Onion—Yellow Danvers.
Onion—Prizetaker.
Parsley—Champion Moss Curled.
Parsnip—Improved Hollow Crowned.
Pepper—Sweet Spanish.
Peas—American Wonder.
Peas—Stratagem.
Pumpkin—Mammoth.
Radish—Scarlet Turnip, White Tipped.
Salsify—Mammoth Sandwich Island.
Squash—Summer Crookneck.
Squash—Hubbard.
Turnip—Purple Top, Strap-leaved.
Tomato—Early Ruby.

And packet Wild Garden Flower Seed Mixture.
Also a copy of Simmers' Vegetable and Flower Garden (New Edition).

Contains 25 packets of the best Vegetable Seed, sufficient to furnish vegetables throughout the year, and one packet of Flower Seeds, which we will send postpaid to any address in the Dominion of Canada for the extremely low price of \$1.00.

GARDEN COLLECTION NO. 2 13 Packets for 50c

50c.

Beans—Simmers' Giant Wax.
Beet—Blood Turnip.
Carrot—Scarlet Intermediate

Corn, Sweet—Cory.
Cucumber—White Spine.
Cabbage—Vandergaw.
Celery—White Plume.
Lettuce—Simmers' Nonpareil.
Onion—Large Yellow Danvers.
Parsnip—Improved Hollow Crowned.
Parsley—Champion Moss Curled.
Peas—American Wonder.
Radish—Olive Scarlet.

And packet mixed annual Flower Seeds.

GARDEN COLLECTION NO. 3

6 PACKETS FOR 25 CENTS

25c.

Beet—Blood Turnip
Carrot—Scarlet Intermediate.
Cucumber—White Spine.

Lettuce—Simmers' Nonpareil.
Onion—Yellow Danvers.
Radish—Scarlet Olive-shaped.

FARMERS' VEGETABLE COLLECTION NO. 4

PRICE 75 CENTS

75c.

Contains 1 ounce
Beet, 1 pound
Beans, 1 ounce
Carrot, 1 pound
Sweet Corn, 1 packet

1 packet Cucumber, 1 packet Lettuce, 1 packet Watermelon, 1 packet Citron, 1 ounce Onion, 1 packet Parsnip, 1 packet Radish.

GARDEN COLLECTION NO. 5

Suitable for Manitoba, Alberta, Saskatchewan and Yukon Territory.

13 PACKETS FOR 50 CENTS POSTPAID

50c.

Beans—Simmers' Giant Wax.
Beet—Half Long Blood.
Cabbage—Premium Flat Dutch.

Carrot—Early English Horn.
Cauliflower—Demidun.
Celery—Simmers' Large Ribbed Dwarf White.
Corn—First of All.
Lettuce—Hanson.
Onion—Australian Brown.
Parsnips—Guernsey.
Parsley—Triple Curled.
Peas—American Wonder.
Radish—Scarlet Olive.

And One Packet Mixed Annual Flower Seeds.

(6)

THE "CITY AND SUBURBAN" GARDEN COLLECTION.

PRICE \$1.00, FREE BY MAIL

\$1.00

Contains 17
Distinct Varieties of Vegetables

Beet—Blood Turnip, 1 pkt.
Beans—Dwarf, yellow wax Pod, $\frac{1}{2}$ pt.
Cabbage—Early Jersey Wakefield, 1 pkt
Carrot—Scarlet Horn, 1 pkt.
Corn—Early Sugar, $\frac{1}{2}$ pt.
Cucumber—Long Green, 1 pkt.
Lettuce—Cos, 1 pkt.
Lettuce—Nonpareil, 1 pkt.
Onion—Yellow Danvers, 1 pkt; Mammoth Silver King, 1 pkt.
Parsley—Triple Curled, 1 pkt.
Peas—(None of which require staking) American Wonder, $\frac{1}{2}$ pt.; Stratagem, $\frac{1}{2}$ pt.
Radish—Scarlet Olive, 1 pkt.
Squash—Vegetable Marrow Bush, 1 pkt.
Tomato—Imperial, 1 pkt.
Turnip—Snowball, 1 pkt.

Give Your Boys a Garden

25c.

And provide a means of healthy exercise and delightful recreation. In order to encourage "Young Canada," we offer—

"OUR BOYS' COLLECTION."

9 PACKETS FOR 25 CENTS, POSTPAID

Beans—Canadian Wonder.
Beet—Blood Turnip.
Cress—Curled.
Lettuce—Nonpareil.
Muskmelon—Hackensack.
Onion—"Prizetaker."
Peas—Surprise.
Radish—"Rosy Gem."
Squash—Mammoth Whale.

And One Packet of Children's Flower Mixture

BOOKS, Agricultural and Horticultural

All Books sent Postpaid on Receipt of Price
Except Where Noted

"A.B.C." of Agriculture	\$0 50	Harris' Talk on Manures. The teachings in this book are exceedingly practical. Revised Edition.....	\$1 50
"A. B. C." of Potato Culture by Terry.....	50	Heinrich's Window Flower Garden. The author shows how by means of a few simple directions every one can enjoy this delightful method of floriculture.....	50
Alfalfa. One of the most valuable and productive crops. F. B. Coburn.....	50	Henderson's New Handbook of Plants. A leading authority on nomenclature of plants; also a strictly reliable guide on cultivation. One thousand illustrations.....	3 00
Allan's New American Farm Book. Deals with all the routine of the farm.....	2 00	Home Floriculture. By C. N. Page.....	25
American Bird Fancier. Gives full details for successfully raising cage, and other Birds.....	50	Home Pork Making. The art of raising and curing pork on the farm. A. W. Fulton.....	50
Apple Culture. Field Notes on. Thoroughly practical guide on growing apples for commercial purposes. Bailey.....	75	How Crops Feed. A handbook on the atmosphere and soil as related to the nutrition of plants. Prof. S. W. Johnson.....	1 50
Asparagus. A practical treatise for home use, and market. F. M. Hexamer.....	50	How Crops Grow. Treats upon the chemical composition, structure and life of plants. Prof. S. W. Johnson.....	1 50
Barry's Fruit Garden. Combines the union of theory with practice in every department. New Edition.....	1 50	Insects and Insecticides. A practical manual concerning noxious insects and the methods of preventing their causing injuries. C. K. Weed.....	1 50
Bee Culture, A.B.C. of. Root. An alphabetically arranged Cyclopaedia of everything pertaining to the care of the honey bee postpaid \$1.75.....	1 50	Landscape Gardening. Covers the general principles governing art in the garden. F. A. Waugh.....	50
Bulbs and Tuberous-Rooted Plants. The cultural directions are plainly stated, practical, and to the point. C. L. Allen.....	1 50	Mangel Wurzel and Carrots. How to raise how to feed, how to keep (Gregory).....	30
Cabbage, Cauliflower and Allied Vegetables. An exhaustive compilation by a practical man. C. L. Allen.....	50	Manures, How to Make and How to Use Them. F. W. Semper, paper.....	40
Cabbage, Treatise on. For the Amateur and Market Gardener. By J. H. Gregory.....	30	Money in the Garden. A vegetable manual prepared with a view to encourage economy and profit. By P. T. Quinn. A practical work, illustrated.....	1 00
Canadian Poultry Review, monthly publication, per year.....	50	Mushroom Culture. A concise and luminous little treatise. Pamphlet. Published by J. A. Simmers.....	10
Cranberry Culture. Natural history, cultivation, management, etc. J. J. White.....	1 00	Mushrooms. How to Grow Them. Falconer.....	1 00
Celery for Profit. Gives the most modern methods on growing this vegetable. Greiner.....	20	New Egg Farm. On the management of poultry on a large scale for commercial purposes. By H. H. Stoddart.....	1 00
Dairyman's Manual. Embodies a full knowledge of improved methods, and all that is latest in dairy lore. Hy. Stewart.....	1 50	Nicholson's Illustrated Dictionary of Gardening. A complete encyclopaedia of horticulture, in 4 volumes. Carriage extra.....	20 00
Diseases of Swine. A text book for swine growers. The subjects dealt with are based on science and confirmed by experience. D. McIntosh. Postpaid, \$2.25.....	2 00	All supplements to 1905, bound in one, carriage extra.....	10 00
Farmer's Cyclopaedia of Agriculture. Wilcox & Smith, cloth....	3 50	Onions and How to Raise Them Profitably.....	20
Farm Conveniences. Describes all manner of home-made aids to farm work. Two hundred engravings.....	1 00	Onion Culture, New Method. Will prove interesting and profitable to amateurs and market growers. By T. Greiner.....	50
Feeds and Feeding. A handbook for the student and stock man. W. A. Henry.....	2 25	Our Farm of Four Acres and the Money We Made by It. This work is written by a woman who describes her experiences in managing a small farm.....	30
Fertility of the Land, The. Treats the philosophy of farm practice in a modern way. I. P. Roberts.....	1 50	Parsons on the Rose. This work is altogether the most complete of any before the public on this subject. New and Revised Edition.....	1 00
Flowers, Hints on Growing. By J. A. Simmers.....	25	Peach Culture. Gives every detail and furnishes a complete guide to those who would aspire to cultivate this delicious fruit. Fulton.....	1 00
Flax Culture. Contains full directions by a number of experienced growers.....	30	Pear Culture for Profit. Gives the best directions to obtain the best results. Quinn.....	1 00
Flower Bulbs and Their Culture. New Edition. Published by J. A. Simmers.....	25	Plums and Plum Culture. A complete monograph of the plums cultivated in North America. F. A. Waugh.....	1 50
Flower Garden, Beautiful. This artistic volume tells how to lay out and plan a small garden. Matthews.....	40	Poultry Architecture. Mentions many practical and cheap designs. C. B. Fiske, 125 pages, illustrated.....	50
Forage Crops, Other than Grasses. How to cultivate, harvest and use them. By Thomas Shaw.....	1 00	Poultry Appliances. A booklet to facilitate the use of best designs in nests, roosts, etc. G. B. Fiske, 125 pages, illustrated.....	50
Fruit Culturist, American. A standard pomological work. Contains practical directions for the propagation and culture of all the fruits. Thomas. Postpaid, \$2.75.....	2 50	Practical Floriculture. A guide to the successful propagation and cultivation of florists' plants. Henderson.....	1 50
Fruit Harvesting, Marketing, etc. The subject has been treated strictly from the standpoint of the fruit producer, and is tersely and plainly put and adequately illustrated. F. A. Waugh.....	1 00	Practical Fruit Grower. An exceedingly well arranged book, what to grow, and how to grow it. S. T. Maynard.....	50
Fumigation Methods. Explains the new methods for destroying insects with hydrocyanic acid gas and carbon bisulphide. W. G. Johnston.....	1 00	Prize Gardening. How to derive profit, pleasure, health, from the garden. F. B. Fiske.....	1 00
Fuller's Grape Culturist. A treatise on the cultivation of the Native Grape.....	1 50	Profitable Poultry Production. Kains.....	1 50
Fuller's Small Fruit Culturist. This book covers the whole ground of propagating small fruits, their culture, varieties, and packing for market.....	1 00	Propagation of Plants. All the methods of propagation are described and their adaptability to different plants pointed out. Fuller.....	1 50
Fungi and Fungicides. A practical manual concerning the Fungous diseases of plants. C. M. Weed.....	50	Pruning Book, the L. H. Bailey. Devoted exclusively to pruning—Subject is made so clear it can be readily understood by the beginner.....	1 50
Gardening for Pleasure. A guide to the amateur in the fruit, vegetable, and flower garden, with full directions for the greenhouse. New, revised and enlarged edition.....	1 50	Silos, Ensilage and Silage. A compendium of all the noted facts in regard to the practice of ensilage. Miles.....	50
Gardening for Profit. A guide to the successful culture of the market and family garden. New, revised and enlarged edition..	1 50	Spraying Crops, Why, When and How. Specially useful for owners of spraying machines. C. M. Weed.....	50
Gardening for Young and Old. The cultivation of garden vegetables and flowers in the farm garden. By J. Harris.....	1 00	Strawberry Culturist. Practical talks about Strawberry raising under varying conditions. Illustrated by Andrew S. Fuller....	25
Ginseng, Its Cultivation, Harvesting and Marketing. A complete working treatise for the growing of Ginseng. M. G. Kains.....	50	Swine Husbandry. A practical manual for the breeding, rearing, and management of Swine. Revised Edition. F. D. Coburn.....	1 50
Grape Growing and Wine Making. The chapters on wine making form a complete manual in themselves. Husman.....	1 50	"Tobacco Culture".....	25
Grasses of North America. This work is intended for farmers and others who have not studied Botany. W. J. Beal. Vol. 1, \$2.50, Vol. 2. (If by mail 25c per volume extra).....	5 00	"Tobacco Leaf." By Myrick and Killbrew.....	2 00
Greenhouse Construction. Complete details on everything connected with building a greenhouse. Prof. L. R. Taft.....	1 50	"Tomato Growing for Profit." By S. H. Mitchell. Published by J. A. Simmers.....	25
Greenhouse Management. A thoroughly practical book for florists and lovers of flowers. By Prof. L. R. Taft.....	1 50	"Vegetable Garden." New Edition. Published by J. A. Simmers.....	25
		Your Plants. Plain directions for the treatment of plants in the house and garden.....	40

Simmers' Garden Seeds

SIMMERS' SEED STORE AT YOUR OWN DOOR

The prices quoted in this Catalogue include **FREE DELIVERY** on packets, ounces, quarter pounds and pounds (except where otherwise stated). They do not include delivery charges on larger quantities, nor on pints, quarts, pecks or bushels. Please note the facilities for sending Seeds by Mail on Page 1. We guarantee the safe arrival of all seeds, etc., when sent by Mail.

Owing to the unprecedented dry summer of 1911 many crops were almost a total failure, and stocks are exceedingly short, and prices necessarily higher in proportion. We therefore advise customers to **ORDER EARLY**. We have noted the worst failures where necessary.

ARTICHOKE

German—Artischoke.

French—Artichaut.

CULTURE—Sow in April in rich soil and transplant to permanent beds the next spring, in hills three feet apart each way, with three plants to hill. A rich, deep loam is required, and plenty of moisture. Cover with litter or earth in winter.

Large Green Globe—The best for general culture. Per pkt 5c, oz. 30c.
Jerusalem Artichokes—A hardy and productive tuber, used for cooking, pickling for table use, and feeding stock. Strong tubers, lb. 15c, 2 lbs 25c, if wanted by mail add 5c per lb; peck 60c, bushel \$2.00.

ASPARAGUS

German—Spargel.

French—Asperge.

One ounce for 60 feet of drill. **CULTURE**—After soaking the seed for 24 hours in lukewarm water, sow as early in spring as the season will permit and the ground can be worked, in drills one foot apart, covering the seed one inch deep. Thin plants to three inches apart in the row. The following spring, not too early, transplant into permanent highly-manured beds four feet wide, and three rows in each. Plant one foot apart. Cover in the fall, with well-decayed manure, and in the spring give a good dressing of salt.

2 Year Old ASPARAGUS ROOTS	By Mail Postpaid			By Express.		
	25	50	100	25	50	100
Columbian Mth. White	\$0 45	\$0 75	\$1 40	\$0 40	\$0 60	\$1 10
Palmetto	40	70	1 30	30	50	1 00
Gonnovers' Colossal	35	65	1 20	30	50	1 00
Large Giant	40	70	1 30	30	60	1 10

Asparagus Culture, by F. M. Hexamer. Price 50c.



Columbian Mammoth Asparagus

Columbian Mammoth White—A newer and distinct variety that produces shoots which are white and which remain white as long as fit for use. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 80c.

Large Giant (Mammoth)—One of the best varieties, large and productive. Seed per pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 80c.

Early Argenteuil—Largely grown in France, the stalks grow to a mammoth size. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 80c.

Gonnovers' Colossal—A very large, productive and distinct variety. Seed per pkt 5c, oz 10c, 1 lb 25c, lb 80c.

Palmetto—It is of very large size, even and regular in growth and appearance. It is a very early sort and immensely productive, and of the very best quality. Seed per pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 80c.

Beans

German—Bohne.

French—Haricot.

English or Broad (50 lbs per bu.)

CULTURE—The English Broad Beans are very hardy, and should be planted as early in the spring as the ground can be worked, in rows 2 feet apart, about 5 inches apart in the row, and cover 2 inches deep.

Broad Windsor—Large, one of the best, ripens well, very prolific. Pkt 5c, lb 25c, quart 45c, peck \$2.50.

Early Mazagan—The earliest, very hardy, and bears freely, best adapted to our climate. Pkt 5c, lb 25c, quart 45c, peck \$2.50.

Beans

Dwarf, Bush, Wax-Podded Varieties

CULTURE—Plant as soon as danger from frost is past, in light, warm soil, in drills about 2 feet apart, 3 inches apart in the drills, or in hills 3 to 4 feet apart. Avoid cultivating when wet with rain or dew, as this will injure the crop, but hoe often when dry. Plant every two weeks for succession. One quart will plant 200 hills, or a drill of 100 feet.

Simmers' Early Giant Wax.

This is really one of the most valuable varieties for either private or market garden purposes. It is earlier than either the black or Golden Wax sorts, and has a peculiar value in the fact that it is always exempt from rust. The pods are of a very large size, often from 6 to 9 inches long; exceedingly succulent and tender when full grown. It is a very productive variety. Per pkt 5c, lb 20c, quart (2 lbs) 35c, 5 lbs 85c, peck (15 lbs) \$2.25.



Simmers' Giant Dwarf Wax or Butter Bean
The Standard Variety for Table Use.

Davis' Kidney

Wax—A hardy, and productive Bean, with a large handsome pod containing pure white kidney-shaped beans and producing a third more pods than most other varieties. Price, pkt 5c, lb 20c, quart 35c, 5 lbs 85c, peck \$2.25.

Dwarf Brittle Wax—The long, handsome, pulpy pods of this most prolific variety are entirely stringless, of a rich yellow color and exceptionally fine quality. The earliest of all Wax Beans. Pkt. 5c, lb 20c, quart 35c, 5 lb. 85c, peck \$2.25.

Hodson Wax—Plants of vigorous growth and very productive, pods long, of creamy white color and stringless, usually free from blight and rust. Pkt 5c, lb 20c, 2 lbs 35c, 5 lbs 85c, peck \$2 25

Detroit Wax—Very hardy and productive, pods straight, flat, but thick to edge; they do not turn to wax color so early, but when well grown and fit for use are of a beautiful yellow color, and of the finest texture. Per pkt 5c, lb 20c, quart (2 lbs) 35c, 5 lbs 85c, peck \$2.25.

Early Golden Wax—Yellow pods, several days earlier than the ordinary Black Wax, quite distinct, very prolific, brittle and stringless. Per pkt 5c, lb 20c, quart (2 lbs) 35c, 5 lbs 85c, peck (15 lbs) \$2.25.

Wardwell's Kid-

ney Wax—One of the very best Wax Beans, bearing long pods of a delicate waxy yellow, entirely stringless and brittle, fine buttery flavor, heavy yielder. Per pkt 5c, pt 20c, qt 35c, 5 lb 85c, peck \$2.25



Wardwell's Kidney Wax Bean

Early Black-

Seeded Wax—Almost stringless yellow pods, thick, very tender and delicious, a standard variety. Pkt 5c, lb 20c, qt (2 lbs) 35c, 5 lbs 85c, peck (15 lbs) \$2.25

Add Five Cents per Pound to the Price of Beans for Postage

BEANS—GREEN PODDED BUSH VARIETIES**Simmers' Canadian Wonder**

the parent. Pkt 5c, lb 20c, quart 35c, 5 lbs 80c.

Taber's I.X.L.—The nearest to a stringless green-pod bush Bean in cultivation with beautiful straight, green pods, full and fleshy. Plants of medium growth, pods 9 to 10 inches long, light green in color, flesh tender and of the best quality, very early. Pkt 5c, per lb 20c, 2 lbs 35c, 5 lbs 80c, peck \$2.00.

Mohawk—Very hardy and prolific, also very early, good string bean. Per pkt 5c, lb 20c, quart (2 lbs) 35c, 5 lbs 80c, peck (15 lbs) \$2.00.

Yellow or Six Weeks—Early, hardy and most prolific. Per pkt 5c, lb 15c, qt (2 lbs) 25c, 5 lbs 60c, peck (15 lbs) \$1.70.

Refugee or One Thousand to One—Solid podded, excellent and prolific. Much used for canning. Per pkt 5c, lb 15c, quart (2 lbs) 25c, 5 lbs 60c, peck (15 lbs) \$1.70.

Valentine, Round Podded—With round beautiful waxy pods. The pods are very meaty, and no other bean has less string or less hard shell to the pod as long as it is suitable for cooking. Pkt 5c, lb 15c, quart (2 lbs) 30c, 5 lbs 60c, peck (15 lbs) \$1.70.

Early China (Red Eye)—A well-known and prolific sort; very tender. Per pkt 5c, lb 15c, quart (2 lbs) 30c, 5 lbs 60c, peck (15 lbs) \$1.70.

Large White Marrowfat—Extensively grown for sale as a dry bean for winter use. Excellent either when green in pods or dry. Pkt 5c, lb 15c, quart (2 lbs) 25c, 5 lbs 60c, peck (15 lbs) \$1.50.

White Kidney or Royal Dwarf—A superior variety for baking; is excellent when green in pods. Pkt 5c, lb 15c, qt (2 lbs) 25c, pk (15 lbs) \$1.50.

**Valentine Round Podded Bush Bean****BUSH LIMA BEANS****Burpee's Bush Lima Bean**

Burpee's Bush Lima—Very prolific, single plants often producing from 150 to 200 pods. It requires no staking whatever, and should be planted about two feet apart in rows. Pkt 5c, pint or lb 20c, qt 35c, 5 lbs 80c.

Henderson's Bush Lima—It grows in compact bush form, about 18 inches high, and is very early. Per pkt 5c, lb 20c, quart (2 lbs) 35c, 5 lbs 80c.

Simmers' Canadian Wonder—It is a giant among green podded varieties, forming a large robust plant, covered with long, thick, flat pods, frequently measuring from 9 to 10 inches in length by three-quarters of an inch in width and one-half inch thick. The largest and most handsome green pod bean of strictly bush form. Per pkt 5c, lb 20c, quart (2 lbs) 35c, 5 lbs 80c, peck (15 lbs) \$2.00.

Stringless Green Pod—A mammoth podded selection from the original Stringless, not quite so early, but more showy and possessing the good qualities of

**Kentucky Wonder or Old Homestead Pole Bean****POLE BEANS**

Pole beans, being tender, ought not to be planted until the ground is dry and warm. A well-matured sandy loam suits them best. Plant in hills 4 feet apart, 6 to 8 beans in a hill, eyes downward, afterwards thin to 3 plants in a hill. Set poles—8 to 10 feet long—before planting seed.

Early Golden Cluster Wax—The pods are tender, 6 to 8 inches long, borne profusely in clusters of 3 to 6, and are of a beautiful golden yellow color. They snap easily, are stringless and delicious. Pkt 5c, lb 25c, quart 45c, 5 lbs \$1.00, peck \$2.75.

Indian Chief or Black Wax—Yellow pods, very tender and sweet, thick and fleshy. Pkt 5c, lb 25c, quart 45c, 5 lbs \$1.00, peck \$2.75.

Lazy Wife—Large pale green pods, very thick meated, stringless, rich tender and buttery, ripens early, splendid either as a snap or shell bean. Pkt 5c, lb 25c, quart 45c, 5 lbs \$1.00, peck \$2.75.

Asparagus or Yard Long—Immense pods of a beautiful green color, tender and delicious. Although of such extraordinary length they are produced abundantly. Pkt 10c, 1 lb 25c.

Early Dutch Case Knife—Very productive, excellent whether used green or shelled dry. Pkt 5c, lb 25c, quart 45c, 5 lbs \$1.00, peck \$2.75.

Kentucky Wonder or Old Homestead—A very prolific sort, producing its long pods in large clusters. The pods, when young, are nearly round, of best flavor. Pkt 5c, lb 20c, quart 35c, 5 lbs 80c, peck \$2.

Scarlet Runner—A favorite sort, cultivated for the beauty of its flowers, as well as for table use, grows 9 to 10 feet high, dazzling scarlet flowers. Pkt 5c, lb 35c, quart 65c, 5 lbs \$1.50.

Giant White Runner—A white seeded variety of Scarlet Runner, but earlier and more prolific. Pkt 5c, lb 35c, quart 65c, 5 lbs \$1.50.

Painted Lady—Flowers red and white, grows 12 to 14 feet high, lb 30c, quart 55c, 5 lbs \$1.25.

Improved Large Lima—Universally grown for private use. Very early and tender. Pkt 5c, lb 20c, quart 35c, 5 lbs 90c, peck \$2.25.

BORECOLE OR KALE

German—Blaetter Kohl.

French—Chou Vert.

CULTURE—Borecole or Kale may be grown in almost any soil, but the richer it is the more abundant the product. Sow from the middle of April to the beginning of May, in prepared beds, covering the seed thinly and evenly, transplant in June and treat in the same manner as cabbage. The varieties are all extremely hardy, and are best when touched by frost.

Dwarf Green Curled Scotch—Very hardy, one of the best. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c.

Dwarf Green Curled German—Leaves yellowish-green, very compact and beautifully curled. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c.

Tall Green Curled Scotch—About 30 inches tall, with an abundance of dark green leaves, which are densely curled. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c.

Plumage—Curly, variegated leaves, suitable for ornamental purpose; also excellent for table. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c.

BROCCOLI

German—Spargel-Kohl.

French—Chou Brocoli.

CULTURE—Same as Cauliflower

Walcheren White—It bears large compact heads of a creamy white color and of good flavor. Pkt 5c, oz 40c, 2 oz 75c, 1 lb \$1.20.

SPECIAL OFFER No. 1

Simmers' Giant Wax Bean.....	} One Pkt Each for 15c, postpaid.
Indian Chief or Black Wax Pole.....	
Simmers' Canadian Wonder Green Pod Bean.....	
Burpee's Bush Lima Bean.....	

BEETS

Almost a total failure.

We recommend customers to sow thicker.

German—Runkle Rube.
(One ounce will sow 100 feet of drill.)

French—Betterave.

CULTURE—The soil best suited to the Beet is a deep, light and rich, sandy loam. For early Beets the seed should be sown about the middle of April, or as soon as the ground is in good working condition, in drills, 12 to 15 inches apart, and thinned to 4 to 6 inches apart in the drills. For winter crops the first of June is the right time. Cover 1 inch deep.



Early Dark Red Flat Egyptian Beet



Detroit Dark Red Turnip Beet



Half Long Dark Blood Red Beet



Simmers' Extra Early Beet

Simmers' Extra Early—In shape it is almost round. The color is dark crimson, the prevailing shade being very dark, changing alternately into rings of a lighter hue. The constancy of color in every bulb largely enhances its value. It is extremely early. The flesh of delicate texture, is rich, sugary, and entirely free from fibre. Price, pkt 5c, oz 10c, 2 oz 20c, ½ lb 35c, lb \$1.30.

EARLY ECLIPSE—Remarkable for its rapid growth, extreme smallness of tops and extra fine quality. Perfectly smooth and round, skin and flesh intense red, very fine grained and sweet, an excellent sort. Pkt 5c, oz 10c, 2 oz 20c, ½ lb 35c, lb \$1.20.

Crimson Globe—The root is of medium size, of very handsome globe shape, and has a remarkably smooth surface. Both the skin and flesh are deep, rich red, fine grained, sweet and tender in all stages of growth. Pkt 5c, oz 10c, 2 oz 20c, ½ lb 35c, lb \$1.20.

Detroit Dark Red Turnip—The tops are small, roots turnip shape with small tap roots, color deep red, of the very best quality. Gardeners can safely plant it largely. Pkt 5c, oz 10c, 2 oz 20c, ½ lb 35c, lb \$1.20.

EARLY DARK RED FLAT EGYPTIAN—One of the earliest dark red Beets in cultivation; its color is of a fine dark red, and its shape is that of an early flat white turnip; it never fails to give satisfaction. See illustration. Pkt 5c, oz 10c, 2 oz 20c, ½ lb 35c, lb \$1.30.

Early Blood Turnip—Good for summer or winter, flesh dark red color, a standard round variety with small top, very tender. Pkt 5c, oz 10c, 2 oz 20c, ½ lb 35c, lb \$1.20.

Edmand's Early—The roots are handsome and round, very smooth, with a single tap root, of good marketable size, and for table use no variety can excel it in fine quality. Pkt 5c, oz 10c, 2 oz 20c, ½ lb 35c, lb \$1.20.

Half Long Dark Blood Red—The best for family use, tender, sweet, not requiring to be cut in two for boiling. Pkt 5c, oz 10c, 2 oz 20c, ½ lb 35c, lb \$1.20.

Whyte's Very Deep Long Blood Red—Very choice and long. Pkt 5c, oz 10c, 2 oz 20c, ½ lb 35c, lb \$1.20.

Extra Long Smooth Deep Blood Red—The most popular kind for general use; keeps well. Pkt 5c, oz 10c, 2 oz 20c, ½ lb 35c, lb \$1.20.

Dell's Black or Crimson Leaved Beet—Both useful and ornamental, as it is extensively used for ribboning in flower borders, on account of its extremely striking foliage, being a deep, dark metallic lustre. Pkt 5c, oz 10c, 2 oz 20c, ½ lb 35c, lb \$1.20.

Swiss Chard "Lucullus"—Much superior to the old type of Swiss Chard, the leaves being much larger, more crisp and tender, and of finer flavor. Pkt 10c, oz 15c, 2 oz 25c, ½ lb 40c, lb \$1.30.

Silver Beet or Swiss Chard—Sometimes called Asparagus Beet; a variety with beautiful and tender leaves, used for Spinach. The mid rib is used and served as asparagus. Pkt 5c, oz 10c, 2 oz 20c, ½ lb 35c, lb \$1.20.



German—Kopfkohl Gruener

BRUSSELS SPROUTS

French—Chou de Bruxelles.

CULTURE—The seeds should be sown in March or April in the hotbed or in the open ground when the weather permits. When the plants are three inches high they should be transplanted and cultivated the same as cabbages or cauliflowers.

Large Tail French (Dalkeith)—A very fine variety; the sprouts are large and solid and of luscious flavor. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 50c, lb \$1.80.

Improved Dwarf—A standard variety of excellent quality, producing compact sprouts of fine quality; it seldom fails to produce sprouts, and is a good keeper. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 50c, lb \$1.80.

CABBAGE

German—Kopf Kohl.

French—Chou Cabus.

(One ounce will produce about 3,000 plants.)

EARLY VARIETIES

SIMMERS' PREMIER—A valuable acquisition, being a round, flat-headed cabbage as early as Wakefield and one-third more productive. It is of the Early Summer type, heads a trifle smaller, very solid, with few small outside leaves, enabling it to be planted very close; very uniform in shape and size, finely bred, and free from any rankness of flavor. Pkt 10c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

EARLY SPRING—Flat-headed variety as early as Jersey Wakefield. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

GLORY OF ENKHUIZEN—Very early. Large white, compact, fine grained heads, few outside leaves, a very desirable one of the newer varieties. Pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{4}$ lb 70c, lb \$2.50.

BURPEE'S ALL HEAD EARLY—This is the earliest of all large cabbages, being at least a week earlier than any of the various strains of early Summer Cabbage. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 50c, lb \$1.80.

EXTRA EARLY "EXPRESS"—From 8 to 10 days earlier than the Early Etampes, which it resembles in shape, though smaller. Heads pointed. It has few outside leaves, and can be planted close. For a very quick forcing sort, try it. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

HENDERSON'S EARLY SUMMER—A standard early variety much used by market gardeners, heads large, solid and nearly globe shaped, rarely or never burst when fully matured. Pkt 5c, oz 20c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.80.

EXTRA EARLY ETAMPES

A very early sort, producing medium-sized heads very sharply pointed. It grows quickly, is mild flavored, and for a private garden is a valuable sort. Pkt 5c, oz 20c, 2 oz 15c, $\frac{1}{4}$ lb 60c, lb \$2.00.

SELECTED EARLY JERSEY WAKEFIELD

—One of the best early varieties for private use, very solid, medium size, nearly round, of excellent flavor. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Early Winingstadt



Jersey Wakefield Cabbage

Pointed head, for summer and winter use, very sound, quality first-rate, sure to head on all soils, desirable for private gardens. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Simmers' Early German Brunswick Cabbage
(Best for general crop.)

SECOND EARLY VARIETIES

Simmers' Early German Brunswick—A second early variety, short stemmed, solid, large light green flat heads, similar but much superior to St. Dennis most commendable to market gardeners and others, large as Henderson's, and nearly as early, stem remarkably small and short, every plant sure to head. Pkt 10c, oz 30c, 2 oz 50c, $\frac{1}{4}$ lb 80c, lb \$3.00.

Henderson's Succession—Handsome, large and sure header. The Succession is about one week later than the Early Summer, but is double its size. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

All Seasons—This is a superior variety to plant for late as well as for early crop, the thickness of the head making it a capital variety to keep through winter. Heads large and solid, not liable to burst after heading. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

	Pkt.	oz.	2 oz.	$\frac{1}{4}$ lb.	lb.
Early French Oxheart.....	5c	20c	35c	60c	\$2 00
Pottier's Improved Brunswick.....	5	20	30	50	1 80
Vandergaw.....	5	20	30	50	1 80
Early Premium Flat Dutch.....	5	15	25	40	1 50

LATE VARIETIES

CULTURE—See "SIMMERS' VEGETABLE GARDEN," 50 pages (price 25c), free with orders of \$1.00 and over when asked for with order.

DANISH BALL HEAD (Tall Stemmed)—Heads round in form, 8 to 10 inches in diameter and very solid; few outer leaves and these folded closely about the heads. The heads keep excellently through the winter when buried, coming out quite solid in the spring. Pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{4}$ lb 70c, lb \$2.40.

DANISH ROUNDHEAD (Short Stemmed)—This is an earlier and shorter stemmed type of the popular Danish Ballhead. Pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{4}$ lb 70c, lb 2.40.

Lupton—Earlier than Flat Dutch, of closer growth, sure header, large solid, dark green, quality very fine. Pkt 5c, oz 20c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.80.

SIMMERS' MATCHLESS FLAT DUTCH—Extremely handsome in appearance, the stems being very short. The well-developed heads are true to type and uniform in color, which is an attractive bluish green. The heads measure about 13 inches across and weigh from 10 to 12 pounds each. The Matchless Flat Dutch comes very true, and is a sure header. A very superior cabbage for autumn and winter use. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.

Surehead—One of the surest headers and best main crop cabbages. The heads are round, flat on top, hard, and with few outside or loose leaves. Market gardeners will find it a most valuable sort. Pkt 5c, oz 20c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.80.

AUTUMN KING—The Autumn King is one of the best keepers we have ever seen: it produces large solid heads of dark green, and has such small outer leaves that it can be planted much closer together than the ordinary late sorts. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Late Marblehead Mammoth—The largest known sort, solid, tender and free heading winter variety, and with good culture average 30 lbs per head. American-grown seed. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 50c, lb \$1.80.

	Pkt.	oz.	2 oz.	$\frac{1}{4}$ lb.	lb.
Filderkraut.....	5	15	25	45	1 60
Late Large Drumhead.....	5	15	25	45	1 60
Late Flat Dutch.....	5	15	25	45	1 60



Simmers' Perfection Drumhead Savoy Cabbage

SAVOY CABBAGE

Simmers' Perfection Drumhead Savoy—Heads large and very finely curled, short stock and compact grower, an excellent keeper. Partakes of the size of the Drumhead, with the curled leaves and fine flavor of the Savoy. Far superior to the ordinary imported Drumhead Savoy. Pkt 5c, oz 20c, 2 oz 40c, $\frac{1}{4}$ lb 70c, lb \$2.40.

Improved Large American Drumhead—Of excellent flavor, compact grower and excellent keeper. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Large German Drumhead—A good winter variety with very large heads. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Largest French Drumhead—(Vertus)—Large, solid, and a good keeping variety. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Dwarf Ulm—Head firm, but small, very crisp, curly and fine flavored. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

RED CABBAGE

Extra Early Red Dutch Erfurt—Of a very dark blood-red color. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Zenith—Medium early, dark red, very fine ribbed, unsurpassed by any other variety. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.30.

Large Late Deep Red-Dutch Drumhead—Solid, deep blood-red heads. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Mammoth Red Rock—Selected strain of late red cabbage, heads will average 12 lbs each. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.



Mammoth Red Rock Cabbage

CARROTS

Almost total failure. We recommend to sow thicker.

German—Moehre. French—Carrotte.

(One ounce of seed will sow 100 feet of drill. Four pounds required for one acre.)

CULTURE—See "Simmers' Vegetable Garden," 50 pages (price 25c) free with orders of \$1.00 and over, when asked for with order.

Improved Scarlet Intermediate (Stump Rooted)—This is certainly the best main crop carrot. It is one of the most uniform in shape, and where the soil is favorable it will always grow clean and free from side roots. The core is small and very tender, and there is no indication of woody character at any stage of its growth. It is also entirely free from any coarse, rank flavor so common with many sorts. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 50c, lb \$1.80.

Ox-Heart or Half Long Guerande (Stump Rooted)—Intermediate between the half-long and horn varieties, attaining a diameter of three to four inches at the neck, and of most beautiful shape and rich orange color. It is of extra fine quality, and very productive. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 50c, lb \$1.80.

Chantenay, Half Long Scarlet—This is the best early carrot in existence, one which market gardeners should plant for their main crop. The



Chantenay Half Long Scarlet Carrot

carrots grow about six inches long, are stump rooted, very smooth, deep red, fine grained, sweet and sugary, and are not apt to crack open while growing. An excellent table sort, and a heavy cropper. Our seed is most carefully selected. Pkt 5c oz 20c, 2 oz 35c, ½ lb 50c, lb \$1.80.



Improved Scarlet Intermediate Carrot

Early Scarlet English Horn or Half-Long—Very fine and sweet, pointed rooted. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 50c, lb \$1.80.

Early Very Short Scarlet or Golden Ball—French forcing, the earliest variety, almost as round as turnip radishes, and very sweet: ready for use about five weeks after sowing. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 50c, lb \$1.80.

Improved Long Orange—The well-known and popular old stand-by for late summer and winter use, grown extensively for feeding stock. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 50c, lb \$1.80.



Improved Danvers Half Long Carrot

Simmers' Improved Giant Short White—This field carrot is especially suitable for shallow soil. In shape they very much resemble the Oxheart, excepting the roots grow more to a point. When other varieties require digging, our Giant Short White can be pulled. Flesh and skin are white, and it is considered by those who have grown it much better in quality than any other variety. Pkt 5c, oz 10c, 2 oz 20c, ½ lb 35c, lb \$1.20, postpaid.

For other Field Varieties of Carrots see Agricultural Seeds further on.



Oxheart or Half-Long Guerande Carrot

CARDOON

The mid ribs of this vegetable are used while in a tender state, similar to Asparagus and the young leaves in the form of Spinach. Sow early in May, in rows 2½ feet apart, and thin the plants out to 2 feet in the row. When the plants have attained their full size, bind them together with matting or twine and earth them up like celery to blanch.

Large Spanish—Pkt 5c, oz 30c, 2 oz 50c, ½ lb \$1, lb \$3.00.

CRESS OR PEPPER GRASS

(One ounce will sow about fifteen square feet.)

CULTURE—Sow thickly in shallow drills, very early in spring, and every two weeks through the season give occasional waterings. Two ounces will sow ten feet square three times. Use as salad before the flowers appear. Transplant the Water Cress when well rooted, to the banks of a running stream.

Extra Curled—standard sort, very fine for salads, may be cut two or three times. Pkt 5c, oz 10c, ½ lb 15c, lb 40c.

Broad Leaved Dark Green—A large leaved variety, fine, piquant flavor. Pkt 5c, oz 10c, ½ lb 15c, lb 50c.

Upland (Barbarea Vulgaris)—Grown as Spinach and used exactly as Water Cress, which it so much resembles in taste that the difference is scarcely discernable, and its use should become more general, as it is of easy culture, and earlier, and can be grown easily for two years without resowing. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c.

True Water—A well-known hardy perennial aquatic plant, grown abundantly along the margin of running streams. Pkt 10c, oz 40c, 2 oz 75c, ½ lb \$1.25.

CORN SALAD

(Lamb's Lettuce or Feticus)

CULTURE—Sow about September or very early in spring, in drills, half an inch deep and six inches apart, in rich ground. As the plants are for cutting when young, the seed may be sown pretty thin. Before the cold weather sets in protect with clean straw. It is cut during the winter and early spring for salads, and is most excellent as such.

Broad Leaved—Pkt 5c, oz 10c 2 oz 15c, ½ lb 25c, lb 80c.



Chives

CHIVES

German—Schnittlauch.

Chives are perfectly hardy little perennial members of the onion tribe, and are grown exclusively for their tops, which are used wherever the flavor of onion is required. Planted in small clumps in any common garden soil they will grow readily and in time increase so as to render a division necessary. The tops appear very early in spring and can be shorn throughout the season, hence this valuable little plant should have a place in every garden.

Seed of the above, pkt 10c, oz 40c. Roots per bunch 25c, postpaid.

Special Offer No. 2—CARROTS, Etc.

Very Short Scarlet or Golden Ball—Extra early.....	} One Packet each for 15c. Postpaid.
Oxheart or Guerande.....	
Scarlet Intermediate.....	
Extra Curled Cress.....	

CAULIFLOWER

French—Choufleur. German—Blumen Kohl.

One ounce of seed will produce about 3,000 plants.
For plants of Cauliflower, Cabbage, etc.; see page 34.

CULTURE—With a deep rich soil and an abundance of moisture, which in dry seasons must be applied artificially, Cauliflower can be grown well. Frequent and vigorous hoeing and a liberal supply of rich liquid manure, to keep up a continuous and rapid growth, will produce splendid heads of the most delicate flavor. It facilitates blanching if the leaves are gathered loosely together and tied over the top of the head. Sow the seed the same as cabbage.

SIMMERS' GILT EDGE—We confidently recommend this as the finest Cauliflower in the world; and it is so pronounced by all growers who have had it. It is of very dwarf erect habit, with short outer leaves. It is a sure header, every plant forming a large, solid, perfect head of remarkably pure white color, of the finest table quality. It is a sure header, either for early or late sowing, and can be left longer in the field without decaying than any other sort. It matures immediately after "Snowball," but is a heavier sort, $\frac{1}{2}$ pkt 15c, pkt 25c, $\frac{1}{4}$ oz 85c, $\frac{1}{2}$ oz \$1.50, oz \$2.75, 2 oz \$5.50, $\frac{1}{4}$ lb \$9.00.

Large Late Le Normand—Short stemmed, produces very close and uniform head, well protected by the foliage, hardy, and stands dry weather. Pkt 5c, $\frac{1}{4}$ oz 40c, oz 70c, 2 oz \$1.30, $\frac{1}{4}$ lb \$2.50



Simmers' Selected Early Dwarf Erfurt Cauliflower

Early Snowball—We know of no better type of this variety—very early, smoothly rounded heads, fine grained, compact, even in size. This variety, while at first early, is better adapted generally to fall use than the large late sorts commonly used for that purpose. All we want is that our customers try it. The habit of the plant is close growing, and compact, and plants can be set closely together, from 18 to 21 inches. Customers have found it, by careful tests, fully equal to the best Cauliflower which they have ever grown. pkt 20c, $\frac{1}{4}$ oz 70c, $\frac{1}{2}$ oz \$1.35, oz \$2.50, 2 oz 4.50, $\frac{1}{4}$ lb \$8.00.

Simmers' Extra Selected Early Dwarf Erfurt—One of the earliest in cultivation; small leaved dwarf, for forcing or open ground, producing very solid pure white heads of the finest quality. It grows about fifteen inches high, and in ordinary seasons every plant will produce a marketable head. For an all round market gardeners' variety, we consider this the best for general outside use. Pkt 20c, $\frac{1}{4}$ oz 70c, $\frac{1}{2}$ oz \$1.35, oz \$2.50, 2 oz \$4.50, $\frac{1}{4}$ lb \$8.00.

Early Demi-Dur or Half Early Paris—Pkt 5c, $\frac{1}{4}$ oz 40c, oz 70c, 2 oz \$1.30, $\frac{1}{4}$ lb \$2.50.

Dry Weather—A distinct strain from Denmark, similar in growth to Early Erfurt. It produces equally large solid white heads, a little later. Specially adapted for dry locations. Pkt 20c, $\frac{1}{4}$ oz 70c, $\frac{1}{2}$ oz \$1.35, oz \$2.50, 2 oz \$4.50, $\frac{1}{4}$ lb \$8.00.

Late Erfurt Market—A large German variety, well suited for this climate. Pkt 10c, $\frac{1}{4}$ oz \$1.00, oz \$1.75, 2 oz \$3.00.

Large Late Algiers—An excellent favorite, late variety. Pkt. 10c, $\frac{1}{4}$ oz 70c, oz \$1.30, 2 oz \$2.50, $\frac{1}{4}$ lb \$4.50.

Late Italian or Veitch's Autumn Giant—Attaining enormous dimensions; heads beautifully white, large, firm and compact. Pkt 5c, $\frac{1}{4}$ oz 30c, oz 50c, 2 oz 80c, $\frac{1}{4}$ lb \$1.50.

CURLED CHERVIL

German—Kerbel.

French—Cerfeuil.

CULTURE—A very rich herb, similar in growth and flavor to Parsley and should not be wanting in any kitchen garden. It is sown and treated like Parsley, the directions for sowing which are under that head.

Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.20.

CHICORY

German—Caffewurzel.

French—Chicoree.

CULTURE same as carrots. **Large Rooted Madgeburgh**—Pkt 5c, oz 10c, $\frac{1}{4}$ lb 20, lb 60c, 10 lb at 50c lb.

ENDIVE

German—Endivien.

French—Chicoree.

CULTURE—For early use sow thinly in May, in drills one foot apart, and for a succession, every two or three weeks until midsummer. A rather moist situation in the garden is preferable. To blanch the leaves gather them carefully together when perfectly dry and tie near the top, and draw up the earth around the plants.

Broad Leaved Imperial Batavian (Escarolle)—It is chiefly used in soups. Per pkt 5c, oz 15c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.50.

Early Green or French Moss Curled—Very tender, hardy leaves, dark green and crisp. Per pkt 5c, oz 15c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.50



Simmers' "Gilt Edge" Cauliflower



Early Snowball Cauliflower

CELERY

German—Seller. French—Celeri.

Buy the Book on Growing Celery

"CELERY FOR PROFIT,"

by T. Greiner.

Price 20c.

For Celery plants see page

34.

One ounce will sow a bed of nine square yards, and produce about 4,000 plants.—Seed should be sown in boxes or in hot beds in March for early use and in April for late use. When plants are large enough they should be transplanted into trenches about 10 inches deep and 15 inches wide, into the bottom of which has been worked $\frac{1}{4}$ or $\frac{1}{2}$ inches of well-rotted manure. As the plants grow the earth should be kept drawn up around them, to keep the stalks from spreading. Give plenty of water at all times.

SIMMERS' IMPERIAL—When fully grown the outer stalks average two inches wide and are nearly as thick as a man's finger. The immense stalks can be sliced lengthwise, and are always very crisp and brittle, snapping like glass. After growing to a great size it lends itself readily to the blanching process, assuming a rich yellow tinge in the heart, and presenting a very attractive appearance. Pkt 10c, oz 45c, 2 oz 80c, $\frac{1}{2}$ lb \$1.50.

Simmers' Large Ribbed Dwarf White—Perfectly distinct and of a beautiful cream-white color; attains a very large size, is of quick growth, stiff, close habit, the outer ribs standing straight and perfect; a very solid, crisp-eating and delicious variety, keeping well until spring. Pkt 5c, oz 40c, 2 oz 70c, $\frac{1}{2}$ lb \$1.25, lb \$4.00.

Giant Pascal—Of fine nutty flavor, being entirely free from any bitter taste. It grows about 2 feet high and bleaches with slight earthing up. Pkt 5c, oz 20c, 2 oz 40c, $\frac{1}{2}$ lb 70c, lb \$2.40.

Giant Golden-Hearted Dwarf—An excellent Dwarf White variety, with fine nutty flavor, growing to a large size and keeping well all winter. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 60c, lb \$2.00.

White Solid—Fine nutty flavor. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 60c, lb \$2.00.

Carter's Incomparable Dwarf Crimson—Keeps well, and is of a fine, nutty flavor. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 60c, lb \$2.00.

Turnip - Rooted Erfurt Giant, or Celeriac—Pkt 5c, oz 30c, 2 oz 50c, $\frac{1}{2}$ lb 80c.

Flavoring Celery—Oz 10c, $\frac{1}{2}$ lb 20c, lb 40c; postpaid 45c.

SPECIAL OFFER NO. 3—CELERY

White Plume—Early.

Paris Golden Yellow—Medium.

Simmers' Special Dwarf White Winter—Late.

ONE PACKET OF EACH FOR 20 CENTS.

First-Class Seeds of equal quality cannot be bought anywhere for less money. We know that SIMMERS' SEEDS are the BEST that grow.



Paris Golden Yellow or Self Blanching

Paris Golden Yellow or Self-Blanching (Original French strain)—This variety is now the leading sort in all markets as an early Celery. It is ready for use nearly as early as White Plume, producing dwarfier and much larger bunches of broad, heavy stalks, blanching to a deep golden yellow. The handsome color, crispness, tenderness, freedom from stringiness and nutty flavor of this variety makes it only necessary to be tried in order to establish it as the standard of excellence as an early sort. Pkt 10c, $\frac{1}{2}$ oz 65c, oz 1.20, 2 oz \$2.00.

Paris Golden Yellow or Self-Blanching (American grown seed grown direct from the French).—An early sort requiring but little labor to blanch. Heart rich golden yellow with light yellowish green outer leaves. Pkt 10c, $\frac{1}{2}$ oz 40c, oz 80c, 2 oz \$1.50.

Rose Ribbed Paris Golden Self-Blanching—The general color similar to Golden Self-Blanching except that the naturally golden-colored stalks are suffused with a warm rosy hue, which gradually fades towards the top of the stalks, where it assumes a bright golden color. Pkt 10c, oz 40c, 2 oz 70c, $\frac{1}{2}$ lb \$1.30.

Simmers' Special Dwarf White Winter—Solid, crisp, of excellent flavor, one of the best white varieties. The past season has again proved this celery to be the best adapted for the home or market on account of its dwarf habit, walnut flavor and keeping qualities. Pkt 10c, oz 45c, 2 oz 80c, $\frac{1}{2}$ lb \$1.50.

Evan's Triumph—One of the best late sorts, of excellent quality and one of the best keepers, remaining in condition much longer than most sorts. Its stalks are very large, solid, of finest texture and quality; crisp and tender and real nut-like flavor. Pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{2}$ lb 75c, lb \$3.00.

White Plume (Early)—Requires no banking up to blanch; highly recommended to all who wish to procure a first class Celery for early use. Pkt 5c, oz 30c, 2 oz 50c, $\frac{1}{2}$ lb \$1.00, lb \$3.60.

"Pink Plume"—Similar to White Plume, except that the stalks are delicately marked with pink. It also has the rich, nutty flavor of the red celeries. Pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{2}$ lb 75c, lb \$3.00.



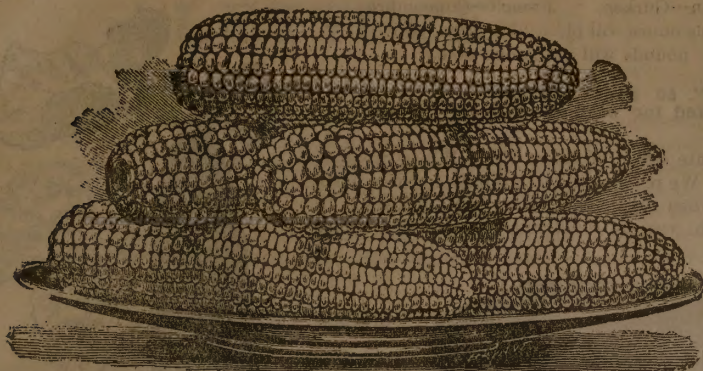
Simmers' Imperial Celery



Giant Pascal Celery



Simmers' Special Dwarf White Winter Celery, the best in cultivation for market gardeners and private gardens.



Mammoth White Cory Corn

SWEET CORN FOR TABLE USE

NOTE—Add five cents per pound to the following prices of Corn when wanted by mail.

(One pound will plant about 100 hills; one peck, one acre in hills).

EARLY VARIETIES

Simmers' First of All—Earliest of all, ready three days to a week earlier than Cory; in habit of growth it is more dwarf and of superior quality; very sweet and tender; a large number of the ears have 10 to 12 rows while the Cory generally has 8 rows. Pkt 5c, lb or pt 20c, qt 35c, 5 lbs 80c, 10 lbs \$1.50.

"Premo"—Very early and the ears are much larger than those of other early varieties. The stalks are very vigorous, generally bearing two well developed ears to the stalk. It is quite hardy, so much so that it can be planted quite early. Pkt 5c, lb 20c, qt 35c, 5 lbs 80c, 10 lbs \$1.50.

Golden Bantam—A dwarf growing variety of exceptionally fine flavor. As early as Cory. Pkt 5c, lb or pt 20c, 5 lbs 90c, 10 lbs \$1.70.

Peep O'Day—Ears about six inches long, of good form. Very early and of good flavor. Pkt 5c, lb 20c, qt 35c, 5 lbs 80c, 10 lbs \$1.50.

Mammoth White Cory—This strain is nearly as early as the original Cory, while the ears are of larger size. The cobs are white and the ears retain the pearly whiteness of the grains when cooked. Pkt 5c, pt 20c, qt 35c, 5 lbs 80c, 10 lbs \$1.50.

Sheffield—A new extra early hardy variety, the result of a cross between the Cory and the Extra Early Adams. Juicy, and of fine, sweet flavor if gathered at the proper stage. Pkt 5c, pt 20c, qt 35c, 5 lbs 80c, 10 lbs \$1.50.

Kendel's Early Giant—The ears grow to a very large size. Kernels pure white, sweet and tender. Pkt 5c, lb 20c, qt 35c, 5 lbs 80c, 10 lbs \$1.50.

Early Red Cory—Very sweet and of rich flavor; desirable for private or market gardens. Extra early. Pkt 5c, lb 20c, qt 35c, 5 lbs 80c, 10 lbs \$1.50.

Early White Cory—A selection of the Cory, of the same character in all respects, except that it has a white cob and kernels. Pkt 5c, pt 20c, qt 35c, 5 lbs 80c, 10 lbs \$1.50.

Early Minnesota—One of the best early varieties, and of good quality. Pkt 5c, lb or pt 20c, qt 35c, 5 lbs 80c, 10 lbs \$1.50.

Early Crosby Sweet—One of the largest early, rich sugary flavor, very productive. Pkt 5c, lb or pt 20c, qt 35c, 5 lbs 80c, 10 lbs \$1.50.

Black Mexican Sweet—A black-grained variety, sweet and tender. Must be cooked young to avoid blackening when cooked. Pkt 5c, lb or pt 20c, qt 35c, 5 lbs 80c, 10 lbs \$1.50.

MEDIUM EARLY VARIETIES

IMPROVED NE PLUS ULTRA (Country Gentleman)—Sweet and tender and most productive, the stalks averaging three ears, sometimes as many as five; kernels and cobs are pure white. Pkt 5c, pt or lb 20c, qt 40c, 5 lbs 90c, 10 lbs \$1.50.

Perry's Hybrid Sugar—Second early, with large ears, white, deliciously sweet and tender. Our stock is selected. Pkt 5c, lb or pt 20c, qt 35c, 5 lbs 80c, 10 lbs \$1.50.

Nonsuch Sugar—Medium early, wonderfully productive, but above all, of the finest flavor. Pkt 5c, pt 20c, qt 35c, 5 lbs 80c, 10 lbs \$1.50.

Triumph—Said to be the earliest of the large varieties, flavor rich and sweet. Pkt 5c, pt 20c, qt 35c, 5 lbs 80c, 10 lbs \$1.50.

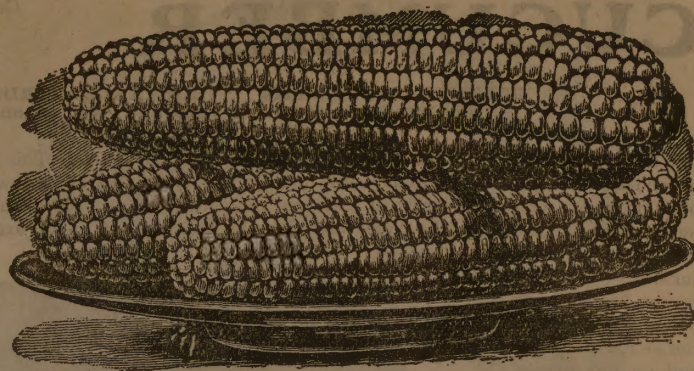
Moore's Early Concord Sweet—One of the largest early varieties. Pkt 5c, lb or pt 20c, qt 35c, 5 lbs 80c, 10 lbs \$1.50.

POP CORN

Pearl—Smooth grained ears. Pkt 5c, lb or pt 15c, qt 30c, 5 lbs 70c, 10 lbs \$1.00.

White Rice—A very early, fine white variety, with pointed kernel. Pkt 5c, lb 15c, qt 30c, 5 lbs 70c, 10 lbs \$1.00.

To have Corn in Succession we advise planting the following varieties: MAMMOTH WHITE CORY, MOORE'S EARLY CONCORD, COUNTRY GENTLEMAN, EARLY EVERGREEN.



Stowell's Evergreen Corn

LATE VARIETIES

Stowell's Evergreen—The best late sweet corn in every way. Being large eared, hardy and productive, sweet and tender, and remaining a long time in condition suitable for cooking; there is no other late Sweet Corn which can compare with it. Our seed being most carefully selected for depth of kernels, size of ears and freedom from flint and glaze, we know that it will give entire satisfaction. Pkt 5c, lb 20c, qt 35c, 5 lbs 80c, 10 lbs \$1.50.

Monarch or Early Evergreen—This distinct new strain possesses the characteristics which have made Stowell's Evergreen so deservedly the favorite for main crop, but produces ears fit to use from one week to ten days earlier; while about one-third smaller, the ears are of typical Stowell's type and of the same fine quality. Pkt 5c, pt 20c, qt 35c, 5 lbs 80c, 10 lbs \$1.50.

Egyptian Sweet, or Washington Market—A fine large variety, somewhat resembling the Evergreen. Pkt 5c, lb or pt 20c, qt 35c, 5 lbs 80c, 10 lbs \$1.50.

Mammoth Sweet—An excellent variety, producing unusually large and perfect ears. Pkt 5c, lb or pt 20c, qt 35c, 5 lbs 80c, 10 lbs \$1.50.

Tuscarora White—This is a late variety, with ears large and flour white kernels. Pkt 5c, lb or pt 15c, qt 25c, 5 lbs 60c, 10 lbs \$1.10.

DANDELION

German—Loewenzahn.

French—Dent-de-Lion.

Dandelion is fast becoming the favorite spring green on the market.

Thick-Leaved—An improvement on the common sort, the leaves being double the size. Pkt 10c, oz 50c, 2 oz 90c.

EGG PLANT

(One ounce will produce 1,000 plants.)

CULTURE—Sow in a hot-bed for early crops, or very early in the spring in shallow drills in a warm, sheltered, dry situation, in the open ground and protect by hand glasses. Transplant when warm weather, into well-enriched ground 12 inches apart and 20 inches from row to row. The fruit, when ripe is sliced, well spiced and fried.

The New York Improved Large

Purple Spineless—Very productive, fruits large, of good color, and entirely spineless. Pkt 10c, oz 50c.

Black Beauty—From 10 to 12 days earlier than the above. Fruits are of good size, attractive, purplish-black color, and good flavor. Pkt. 10c, oz. 50c.

Long Purple—Very hardy, early and productive. Pkt 5c, oz 40c.

Early Purple Dwarf—About three to five weeks earlier than any other variety. Pkt 10c, oz 50c.



Egg Plant New York Improved Spineless

The Three Best Sorts of Sweet Corn for Succession

EARLY WHITE CORY

PERRY'S HYBRID

STOWELL'S EVERGREEN

SPECIAL OFFER No. 4

One packet each of the 3 kinds, postpaid, 15c.

One pint each of the 3 kinds, postpaid, 75c; at buyer's expense, 60c.

One quart each of the 3 kinds, postpaid, \$1.30; at buyer's expense, \$1.00.

CUCUMBER

German—Gurken. French—Concombre.

(One ounce will plant fifty hills; two pounds will plant one acre.)

CULTURE—See Simmers' "VEGETABLE GARDEN," 50 pages (price 25c) free with orders of \$1.00 and over, when asked for with order.

SIMMERS' IMPROVED EXTRA EARLY WHITE SPINE—This private strain of Extra Early White Spine is, beyond a doubt, the most thoroughbred, uniform and shapely variety known. We recommend it not only for first early but for general crop. It excels in earliness, often being ready for slicing when other sorts are only picklers. In purity it is unequalled. The vines are vigorous growers. It is an excellent variety for slicing and makes a choice pickle; straight and smooth; a great bearer keeps green much longer than the yellow varieties and no sort excels it in crispness and fine flavor. Selected seed. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 35c, lb \$1.20.

DAVIS' PERFECT—Specially selected for length, slimness and dark green color, vigorous grower and prolific yielder, valuable for frame culture. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.30.

"The Emerald"—This variety is strictly an evergreen, holding its color until fully ripe. The flesh is crisp and tender; highly recommended for slicing. Makes an excellent pickle when young, and a fine sweet pickle when matured. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 35c, lb \$1.20.

Simmers' Improved Long Green—The best for general crop, fine long fruit, firm and crisp. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 35c, lb \$1.20.

Westerfield Chicago Pickling—It is exceedingly prolific, bearing small well-formed fruit, covered with spines and of an unusual deep green. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 35c, lb \$1.20.

Paris Pickling—The young cucumbers when of the proper age for pickling, are slim and slender, from three to five inches in length. When ready for pickling they show absolutely no sign of seeds, and are of an unusually dark green color. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 35c, lb \$1.20.

White Wonder—About eight inches long the skin is thin, while the pearly white flesh is exquisitely fine in quality; quite brittle, and remains solid for a long time. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.30.

"Cool and Crisp"—While primarily a pickling variety, it is also most useful for slicing, the cucumbers when fully matured being of good size, exceedingly tender and crisp. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 35c, lb \$1.20.

The Cumberland Pickle—One of the best pickling cucumbers; enormously prolific; a shy seeder, fine for both slicing and pickling. This variety of the hardy White Spine type, is a rapid strong grower and is very prolific in fruit. The flesh is firm, very crisp and tender at all stages. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 35c, lb \$1.20.

Japanese Climbing—While all cucumbers are running vines, yet this variety is much more creeping or climbing in its habit. The quality is splendid and well adapted for pickling as well as for slicing. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.30.

Livingston's Evergreen—A very strong grower, but extra early and the best in flavor, bearing firm, crisp fruits, either for pickling or slicing. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.30.

Nichol's Medium Green—As a pickle for early forcing purposes or for slicing there is no better variety. It is exceedingly productive, of medium size, always straight and smooth. The color is dark green, the flesh tender and crisp. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.30.

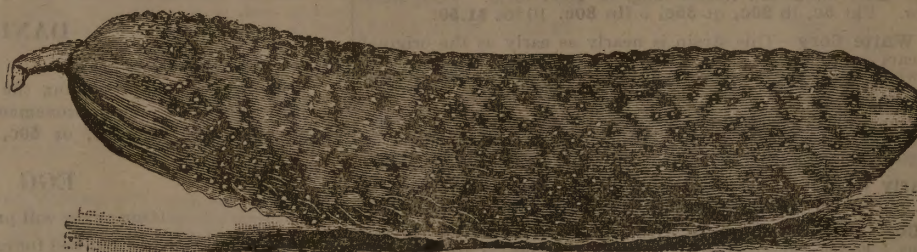
	Pkt	oz	2 oz	1 lb	lb
The Pride of Canada..... (3 pkts 25)	10				
Giant Pera.....	5	15	25	40	\$1 50
Early Frame.....	5	15	25	35	1 20
Early Cluster.....	5	15	25	35	1 20
Siberian.....	5	15	25	35	1 20
Boston Pickling or Green Prolific.....	5	15	25	35	1 20
Early Russian or Moromian Gherkin.....	5	20	35	50	1 50



Simmers' Improved Long Green Cucumber



Simmers' Improved Extra Early White Spine Cucumber



The Cumberland Cucumber

ENGLISH SORTS

For Hotbeds and Greenhouses

The Model—A very choice variety, producing handsome cucumbers of wonderful size. Pkt 20c, 1 oz \$2.50.

Blue Gown—A very fine black spined variety, 18 to 24 inches long, smooth. Pkt 20c, 1 oz \$2.50.

Marquis of Lorne—

A highly esteemed variety of handsome form and fine flavor, 24 to 30 inches long. Pkt 20c, 1 oz \$2.50.



Rollison's Telegraph Cucumber

Rollison's Telegraph—Very prolific, early, crisp, and of superior quality. Pkt 20c, 1 oz \$2.00.

Mixture—Of the foregoing English sorts. Highly recommended for forcing or outdoors. Pkt 10c, 1 oz \$1.50.

GARLIC

German—Knoblauch.

French—Ail.

Used for flavoring soups, stews and other dishes. Garlic thrives best in a light, well-enriched soil; the sets should be planted in early spring in rows one foot apart, and from one to five inches in the rows.

Garlic Sets—Per oz 5c, 1 lb 15c, lb 40c, postpaid 45c; 5 lbs \$1.75, carriage extra.

GOURDS

Japanese Nest Egg—These exactly resemble in color, shape and size the eggs of hens, making a capital nest egg, which are superior to glass eggs, as they do not crack or break and are uninjured by cold or wet. As the plant is a very rapid growing climber it is very useful for covering screens, etc. Pkt 5c, oz 25c.

Dipper—Named for its resemblance to a dipper. The capacity varies from a pint to a quart, with handles 6 to 12 inches long. They are convenient for dipping hot liquids, etc. Pkt 5c, oz 25c.

Luffa or Dish Rag—A native of the East Indies, and in its nature has furnished us with the vegetable dish-cloth, the seeds being enveloped in sponge-like cloth, which is tough, elastic and durable. Pkt 5c, oz 25c.

Sugar Trough—

Very useful for baskets, dishes, buckets, etc. They have hard, thick shells, lasting for years, and capable of holding from 2 to 10 gallons each. Pkt 5c, oz 25c.

Ornamental Pomegranate—Pkt 5c, 6 for 25c.

Mixture—A collection of the most ornamental, including all the above. Pkt 10c, 3 pkts 25c, 7 pkts 50c.

HORSE RADISH

Sets—Good strong ones, ready for sale at any time. 10c each, 4 for 20c, 50c per doz. post paid.



LETTUCE

German—Lattich Salat.

French—Laitue.

(One ounce will sow 150 feet of drill.)

CULTURE—Lettuce requires a good soil in order to obtain the crispness, juiciness and delicate flavor for which they are so much esteemed. Several sowings are requisite during the season. The first may be obtained in a hotbed in February. A sowing may be made in the open ground as soon as it can be worked, after this every two weeks until July if a constant succession is required. Sow thinly, in drills or broadcast, quarter of an inch deep, and transplant a foot apart in the richest soil. Hoe frequently and in dry weather water plentifully.

SIMMERS' NONPAREIL

It is a beautifully light yellowish green color, and of superior even quality. It has the peculiarity of forming a solid head, even before half grown. Its uniform, handsome and even growth is unequalled by any other lettuce. It is the shyest seeder and slowest to shoot to seed of any lettuce we have ever grown. It is decidedly the best and easiest grown of all lettuce for both the family and market gardener. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 50c, lb \$1.50.

"Giant Glacier"—A most excellent variety to plant for a summer supply of fine head lettuce as it withstands heat and drought to an unusual degree. It produces fine solid heads when the soil is so dry and the weather so warm that the varieties usually depended upon for a midsummer supply fail. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 50c, lb \$1.50.

"Golden Queen"—A very desirable early variety of a most pleasing golden yellow color and second to none for forcing. It is very crisp, tender and juicy. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 50c, lb \$1.50.

"Wonderful" Lettuce—It is a very large head variety, excellent for furnishing fine, crisp, well-blanching lettuce during the hot summer months. The heads are large, tightly folded, and the inner leaves blanched, to a pure white. Pkt 5c, oz 15c, 2 oz 25c, ½ lb 40c, lb \$1.50.

Grand Rapids—Of handsome appearance, a strong grower, very crisp and tender and not apt to rot, and will keep from wilting a long time. Pkt 5c, oz 15c, 2 oz 25c, ½ lb 50c, lb \$1.50.

Hanson—Producing heads of a remarkable size, tender and crisp, beautiful green without and white within, heads sometimes weighing 2½ to 3 lbs. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 50c, lb \$1.50.

The Gardeners' Favorite—One of the best heading varieties, suitable either for forcing or outdoor cultivation. Heads large and solid. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 50c, lb \$1.50.

Toronto Market—Heads large, very solid and of good flavor. Color yellowish green and suitable for forcing and open air cultivation. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 50c, lb \$1.50.



Giant Glacier Lettuce

Trianon Cos Celery Lettuce.....	Pkt	oz	2 oz	½ lb	lb
Paris White Cos.....	5c,	20c,	35c,	50c,	\$1.50
Paris Green Cos.....					
Denver Market.....					
Tennis Ball or Boston Market.....					
Drumhead or Maltese.....					
Victoria Red-Edged.....					



LEEK

German—Kohl Rabi.

KOHL RABI

French—Chou Rabe.

A vegetable intermediate between the Cabbage and the Turnip. It is rather difficult to transplant, and it is generally preferable to sow the whole crop from seed and thin out where it stands to 8 inches in the row.

Early White Vienna—Flesh white and tender, best market sort, excellent for table use. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.00.

Early Purple Vienna—Similar to the preceding except in color. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.00.

German—Lauch.

LEEK

French—Poireau.

(Almost total failure)

One ounce will sow a drill about 100 feet.
Large Scotch or Broad Leaved Flag—Pkt 5c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.00.
Large Musselburgh or Monstrous Carentan—Pkt 5c, oz 30c, 2 oz 60c, ½ lb \$1.00, lb \$3.00.

CULTURE—See Simmers' "Vegetable Garden," 50 pages (price 25c) free with orders of \$1.00 and over, when asked for with order.



Simmers' Nonpareil Cabbage Lettuce

Unrivalled or Improved Big Boston Cabbage Lettuce—This new variety possesses all the good qualities of the Big Boston, viz., earliness, good size, attractive light green color, etc., and it has besides a few more that make it specially valuable for the private garden. It may be sown almost the whole year around; it keeps its heads remarkably well during the summer heat, remaining crisp and solid when other varieties become tough and flabby. Pkt 5c, or 15c, 2 oz 25c, ½ lb 50c, lb \$1.50.

Iceberg—A curly variety, large solid heads. The outer leaves are light green in colour, and their habit of branching towards the centre of head is a great aid to the blanching of heart. Pkt 5c, oz 20c, ½ lb 50c.



Unrivalled or Improved Big Boston Cabbage Lettuce

Simpson's Early Curled Cabbage—(Black Seeded)—Forms large, loose heads of thin and exceedingly tender golden yellow leaves. It stands the summer heat splendidly. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 50c, lb \$1.50.

Green Curled Silesian—A very ornamental and most beautiful variety, of a very delicate shade of green, with the inner part of the leaves white; the edges are beautifully cut and fringed. Pkt 5c, oz 20c, 2 oz 35c, ½ lb 50c, lb \$1.50.

Pkt oz 2 oz ½ lb lb

5c, 20c, 35c, 50c, \$1.50



Kohl Rabi

MUSKMELONS

(One Ounce Will Plant about Fifty Hills)

German—Melonen.

French—Melon.

CULTURE—Melons thrive best in a light, rich soil. Plant early in May, when the ground has become warm and dry, in hills 6 feet apart each way for Muskmelons, 8 feet for Watermelons. Previous to sowing the seed mix a few shovelfuls of well-rotted manure on each hill, and plant in each 12 to 15 seeds; after all danger of bugs is over thin out to three plants per hill. When about one foot long pinch off the tops to make them branch, as it strengthens the growth of the vines and makes the fruit mature earlier. Be careful not to plant pumpkins or squashes near them as they will hybridize. A few hills for early use may be had by sowing on pieces of sod in a hot bed and when warm enough transplant to open ground.

Simmers' Dominion Green Flesh—

The fruit is nearly round, flattened at the ends, deeply and very regularly ribbed; skin green, densely netted; flesh remarkably thick, light green; melting and of a delicious flavor. They are very regular in shape, and uniformly grow to a large size. To all who raise, or grow the handsomest possible melons for exhibition, or extra large fine melons for market, we highly recommend the Dominion Green Flesh. Pkt 10c oz 40c, 2 oz 60c, 1 lb 90c, lb \$3.



Burrell's Gem Musk Melon

Burrell's Gem—Fruits of good size, sloping rather sharply at ends, flesh of a deep orange salmon color, very sweet and tender, ripening close to skin, leaving only a thin rind. Pkt 5c, oz 20c, 2 oz 30c, 1 lb 50c.

Paul Rose, or Petosky—In this sort we have a melon that will give perfect satisfaction to all growers, both for market and home garden. It is a cross between the Osage and the Netted



Emerald Gem Mus Melon

lons that the Princess does to the red-fleshed, in every respect the best. Pkt 5c, oz 20c, 2 oz 30c, 1 lb 50c, lb \$1.50.

Princess—Nearly round in shape, heavily netted, dark green skin. The flesh is of a rich salmon color, thicker than in any other melon and in flavor is sweet and luscious beyond description. They ripen early, grow to a good size, frequently weighing from 8 to 10 pounds each; vines often produce 6 to 8 perfect melons. Pkt 5c, oz 20c, 2 oz 30c, 1 lb 50c, lb \$1.50.

Skillman's Fine Netted—The best early kind, green flesh and luscious flavor. Pkt 5c, oz 20c, 2 oz 30c, 1 lb 50c, lb \$1.50.



Simmers' Dominion Green Flesh

Emerald Gem—This variety is of rich, delicious flavor and fine quality. Distinct, very early and prolific; skin ribbed, yet smooth, and of a deep emerald green, with a few lighter-colored stripes. The flesh is thick, of a suffused salmon color. Specially recommended to those who wish a highly flavored fruit. Pkt 5c, oz 20c, 2 oz 30c, 1 lb 50c, lb \$1.50.

Montreal Green Nutmeg—A beautiful, round netted deep-ribbed variety, luscious and sweet, ripening freely under ordinary care, and fruit of enormous size, sometimes weighing from 30 to 40 pounds. Pkt 5c, oz 20c, 2 oz 30c, 1 lb 50c, lb \$1.50.



Montreal Green Nutmeg Musk Melon

Rocky Ford, or Extra Early Netted Gem—Oval strain, one of the earliest, best and most prolific small melons. Oval shape, uniform in size, flesh light green, of very fine flavor, a popular variety with market gardeners, as it is very uniform and an excellent shipper. Pkt 5c, oz 20c, 2 oz 30c, 1 lb 50c, lb \$1.50.

Canadian Beauty—This variety has proved to be a very valuable Melon in every respect, somewhat resembling the old "Netted Gem." The vines are exceedingly healthy and vigorous, bearing an enormous quantity of fruits during the entire season. It is safe to say that no Melon has ever come into our markets which has sold so readily and at such high prices, often to the exclusion of other varieties.



Early Hackensack Muskmelon

The color of the skin is of a rich, yellowish green, the netting is prominent and light in color; appearance very attractive. The flesh is very deep, ripening clear to the rind, and it has an exceedingly small seed cavity. It is very sweet and luscious in flavor, and is entirely devoid of any stringy character. Pkt 5c, oz 20c, 2 oz 30c, 1 lb 50c, lb \$1.50.

Early Hackensack—A green variety, growing to a large size, very productive and of exquisite flavor. Pkt 5c, oz 20c, 2 oz 30c, 1 lb 50c, lb \$1.50.

Miller Cream or Osage—A remarkably good variety of large size and delicious flavor, flesh rich salmon, very thick and solid. Pkt 5c, oz 20c, 2 oz 30c, 1 lb 50c, lb \$1.50.

Early Yellow Cantaloupe—Very fine flavor, round, flesh reddish orange, an early and productive variety. Pkt 5c, oz 20c, 2 oz 30c, 1 lb 50c, lb \$1.50.

Mango Melon—(Vegetable Peach, Vine Peach)—The fruit is about the size of a large peach or orange, oval shaped, and of a bright orange-yellow color, somewhat russeted outside, flesh is snow-white. For sweet pickles, pies or preserving they are superb. Pkt 5c, oz 20c, 2 oz 30c, 1 lb 50c, lb \$1.50.

CITRON

Citron—(Red seeded)—For preserves; striped and marbled light green flesh white and solid. Pkt 5c, oz 15c, 2 oz 20c, 1 lb 40c, lb \$1.30.

"Colorado Preserving"—green seeded—Most prolific, flesh firm and solid, large size, preserving qualities the best. Pkt 5c, oz 15c, 2 oz 20c, 1 lb 40c, lb \$1.30.

Garden Lemon

Resembles the Vegetable Peach in growth and shape of fruit, but is distinct in that the unripe fruit is striped with very dark green, almost black, while the Vegetable Peach is plain, and when ripe is not russeted. Pkt 5c, oz 20c, 2 oz 30c, 1 lb 50c, lb \$1.50.



Citron for Preserving

WATERMELONS

German—Wasser Melone.

French—Melon d'e

CULTURE—Same as Muskmelon. (One ounce will plant about 30 hills.)

Vick's Early—Oblong, smooth, rather small, flesh bright pink, solid, sweet and early. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 90c.

COLE'S EARLY—Very hardy, a sure cropper, and extremely delicate in texture of flesh, which is of dark red color. Medium size, nearly round in shape, rind green, striped with lighter shades. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 90c.

Hungarian Honey—Very luscious, of good size, round and productive, skin medium dark green, flesh bright red. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 90c.

Ice Cream or Peerless—The great home-market Melon. It has too thin a rind for shipping. Few, if any, surpass a pure Ice Cream for quality and productiveness. Flesh bright scarlet, solid to centre; melting and delicious. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 90c.

Halbert Honey—Skin dark glossy green, flesh beautiful crimson, good sized fruit, 18 to 20 inches long. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 90c.

Kleckley's Sweet—Large oblong Melon, 20 inches in length by 10 to 12 inches in diameter, somewhat tapering at the ends. The skin is dark green, flesh bright scarlet, ripening close to the skin, the rind being only about one-half inch in thickness. The scarlet flesh is sweet and sugary, and is of such texture that it leaves no strings of pulp whatever in eating. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 90c.

McIver's Wonderful Sugar—A large oblong melon of handsome appearance. Skin shows broad bands of white, with narrower ones of green. Its soft pink flesh is crisp and juicy, and solid to the centre. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 90c.

Phinney's—Oblong, bright red flesh, tender, well flavored, very productive and early. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 90c.

Seminole—Large size and delicious flavor. Flesh a vivid crimson color, crisp and sugary. The melons are of two colors, gray and light green, the latter a darker coloring of the former. Melons of both colors are found on the same vine, and are exactly the same in shape, size, color of seed, flavor and quality. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 90c.

Improved Long Dixie—A cross between Kolb's Gem and Mountain Sweet, surpassing the former in shipping qualities and fully equalling the latter in fine eating quality and flavor, being a week to ten days earlier than either, with a remarkably thin rind almost impenetrable, which preserves it for a great length of time. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 90c.

Cuban Queen—Beautifully striped, bright red flesh, solid, luscious, crisp and sugary. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 90c.

Black Spanish Early—Red core, very delicious, skin dark green. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 90c.

German—Senf. MUSTARD French—Moutarde.

(One ounce will sow about 50 feet of drill.)

CULTURE—Sow rather thickly in rows in a hotbed as early as possible in the spring, or in the open ground in May. Repeat the sowing about every fortnight for a succession. It is cut and mixed with cress for salad when about two inches high.

White—For salad or medicinal purposes. Pkt 5c, oz 10c, $\frac{1}{4}$ lb 15c, lb 30c.

Brown—For seasoning, more pungent in flavor than the White. Pkt 5c, oz 10c, $\frac{1}{4}$ lb 15c, lb 30c.

Chinese Curled, or Southern Giant—Leaves twice the size of the ordinary White Mustard, stems more succulent, of deeper green, flavor pleasantly sweet and pungent. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 30c, lb \$1.

MARTYNIA

Martynia Proboidea—The best variety for pickles. Sow in May or June, at least three feet apart. Pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{4}$ lb \$1.

NASTURTIIUM

(Or Indian Cress).

(One ounce will sow about 30 feet of drill.)

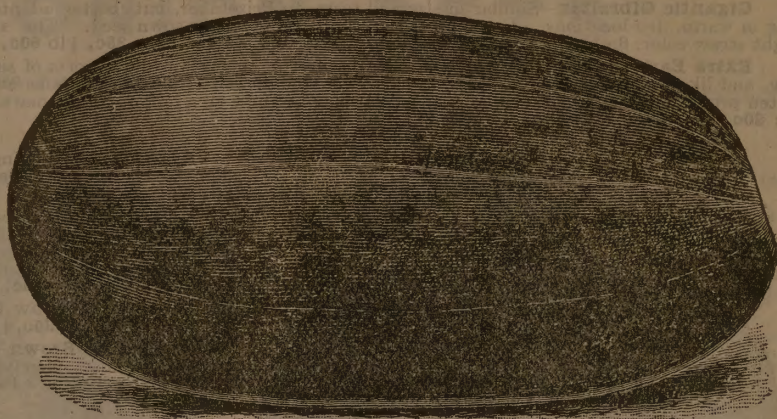
CULTURE—Sow about the middle of May in the open ground, one inch deep, in patches, and train them to sticks. The seeds, when young and tender, are picked as a substitute for capers, to which some prefer them. The leaves are eaten in salad, and are very tasty; are also used as a garnish.

Tall Mixed Nasturtium—Pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Dwarf Mixed Nasturtium—Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$2.



Cole's Early Watermelon



Kleckley's Sweet Watermelon

SPECIAL OFFER No. 5

Tip-Top Muskmelon

Paul Rose Muskmelon

Citron for Preserves

Black Spanish Early Watermelon

One Packet Each
For 15 Cents

MUSHROOM SPAWN

German—Champignonbrot. French—Champignon.

The general use of Mushrooms as a delicious and wholesome dish has been somewhat limited, owing to the extremely high price this article generally commands on the market. But there is no excuse why everyone that has a few feet available, may it be in a dark cellar, barn or shed, where the temperature can be maintained at from 50 to 60 degrees, should not have his table abundantly supplied with Mushrooms throughout the greater part of the year. It is only a question of time when, instead of being a luxury, Mushrooms will be as commonly served with our meats as onions are to-day. Considering the abundance of the necessary materials in all parts of our country, both in city and farm, and the high estimation in which the Mushroom is held, it is plainly demonstrated that the cultivation of Mushrooms is in its infancy in our country. The best results have been obtained by the use of our superior English Mushroom Spawn, known as J.A.S.P. or J. A. Simmers' Prolific, which is largely used by the most successful growers around Toronto. Full and explicit instructions are obtained in our pamphlet "How to Grow Mushrooms Successfully," which we will mail for 10c, or free with orders for two bricks.

Imported English Spawn—Made up in large bricks, each 20c, 5 for 70c, per doz \$1.50, per 25 \$2.50. If to be sent by mail add 8c a brick for postage. A brick of spawn is sufficient for 6 square feet of bed.

Imported French Spawn—Loose, in boxes \$1.00 each, postpaid, \$1.25. By express, \$10.00 per dozen boxes. Carriage extra.



Mushrooms

New Virgin Mushroom Spawn (French)—This virgin spawn is characterized by its great vigor of growth, and being raised from spores of the best and healthiest Mushrooms, it does not contain any of the bacteria or other organisms which may be prevalent in spawn that has not been manufactured and sterilized by this new process. It therefore is not so liable to be attacked by disease, a consideration which alone possesses a high degree of interest and does away with one of the great drawbacks in Mushroom growing. It is sold in the form of compressed and sterilized manure slabs or tablets, thoroughly pervaded by the spawn and which are 1 $\frac{1}{2}$ inches thick and 2 $\frac{1}{2}$ x 3 $\frac{1}{2}$ inches in surface. 15c tablet, postpaid, \$1.20 a dozen. If by mail add 10c a dozen.

SIMMERS' ONION SEED

German—Zwiebel.

French—Oignon.

(One ounce will sow 100 feet of drill; 4 to 5 pounds per acre.)

CULTURE—Sow in a deep, rich, loamy soil, as soon as the ground can be worked in the spring, in drills 1 foot apart; thin to 3 or 4 inches, using the rake and hoe frequently to keep down weeds.

YELLOW VARIETIES

LARGE YELLOW GLOBE DANVERS—The most popular yellow onion all over the country. Our strain of seed has been selected most carefully, the flatter onions being thrown out. The name "Globe," in this connection must be taken comparatively, as the **True Danvers Onion** is never so perfectly globe-shaped as the Southport Yellow Globe. All the perfectly globe-shaped varieties are later maturing than the **Yellow Globe Danvers**. We cannot too strongly recommend our seed of this variety; from careful trials we know it is unsurpassed by any strain. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Large Yellow Flat Danvers—In quality and size equal to the preceding, but flat in shape. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Large Yellow Strasburg or Dutch—One of the oldest varieties, good keeper, and fine flavored. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Gigantic Gibraltar—Similar in size and form to Prizetaker, but better adapted to growing in warm, dry locations. It produces large bulbs from spring-sown seed. The skin is of a light straw color, flesh white, tender and mild. Pkt 10c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.25.

Extra Early Yellow Cracker—It is the earliest of the yellow onion sorts of superior quality, and like the Extra Early Red is an excellent kind to raise where the seasons are short, and often profitable to the market gardener who brings the first ripe onions to the market. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.20.



Australian Brown Onion

Southport Red Globe—Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Giant Brown Rocca—Very large and globular, light brown skin and delicate flavor. Pkt 5c, oz 20c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Mammoth Pompeii—This excellent Italian variety grows to an enormous size. Onions weighing from 4 to 5 pounds each have been grown of this variety. The skin is a delicate red, and the flesh is close grained and nearly white. It is a very mild flavor. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.



Large Red Wethersfield Onion



Simmers' Large Yellow Globe Danvers Onion

AILSA CRAIG (English Grown Seed)—Very handsome oval variety, with straw colored skin, seed sown in hotbed and transplanted grows very large. Pkt 10c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.25.

PRIZETAKER—This is a large beautiful onion that is offered for sale in the fruit stores and in the markets of all large cities. They are of enormous size, averaging 14 to 16 inches in circumference. Although of such great size they are very hardy, and a very fair winter keeper. The outside skin is of a rich yellow color, while the flesh is white, sweet and tender. (See cut.) Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.20.

Southport Yellow Globe—Same shape as White Globe, color yellow, an excellent keeper. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.20.

Australian Brown—Is of medium size, wonderfully hard and solid. They are extremely early in ripening, splendidly suited to sow in our northern cold sections. The color of the skin is a clear amber brown. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

RED VARIETIES

Large Red Wethersfield—The most profitable red onion for the market gardener, as is the heaviest yielder, 600 to 800 bushels having frequently been harvested on a single acre from seed sown in spring. It is of good strong flavor, the best keeper and an excellent shipper. It grows to good size, single onions often weighing from 1 to 2 pounds. In short it is the best red onion for everybody. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$1.80.

Giant Red Prizetaker—This variety resembles Yellow Prizetaker except in its color, which is an extra rich deep red. It is a splendid keeper and can be grown to a very large size from spring sown seed. Pkt 10c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.25.

Extra Early Red—Quite distinct and true (American growth) about ten days earlier than the preceding. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.



Southport Yellow Globe Onion

Red Globe Tripoli—Excellent quality. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Large Flat Red Madeira—Large, deep red, mild flavor. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

Welsh Red—Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 60c, lb \$2.00.

SPECIAL OFFER No. 6.

ONION SEED—1 Pkt each for 20c.

Yellow Globe Danvers
Prizetaker

Large Red Wethersfield
White Barletta Pickling

The "NEW ONION CULTURE"—T. Greiner. Price 50c postpaid.

If you use ONION SEED in large quantities, please state how much and let us quote you.



"Prize Taker" Onion



Mammoth Silver King Onion

ONION SETS

Please write us for prices on bushel lots of Onions Sets (prices fluctuate) and we will quote lowest market rates.

ONIONS

LARGE WHITE VARIETIES

Southport White Globe—Handsome globular onion, of mild flavor, good keeper one of the best. Pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{2}$ lb 75c, lb \$2.60.

Largest White Portugal—Mild flavor, good keeper, extensively grown for market. Pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{2}$ lb 75c, lb \$2.60.

White Victoria—Skin and flesh pure white, of sweet mild flavor. Pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{2}$ lb 75c, lb \$2.60.

Mammoth Silver King—The bulbs are of attractive form, flattened but thick through, bulbs often weigh from 2 $\frac{1}{2}$ to 4 pounds each; the skin is a beautiful silvery white. Flesh is snowy white, and of a particularly mild and pleasant flavor, so sweet and tender is the flesh that it can be eaten raw like an apple. (See cut). Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 65c, lb \$2.40.

Flat White Tripoli or Mexican—Excellent quality. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 60c, lb \$2.00.

Large French or Welsh, White—This variety should be sown in July and early August; it is excellent for salads. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{2}$ lb 45c, lb \$1.60.

WHITE PICKLING VARIETIES

White Barletta—This variety is most distinct on account of its great earliness. It is of a beautiful waxy white color, with finely formed bulbs, flattened at top. Its earliness highly recommends its use as a substitute for Onion sets, and it is without a rival for pickles. Pkt 5c, oz 20c, 2 oz 40c, $\frac{1}{2}$ lb 70c, lb \$2.40.

Small White Nocera—Very small and round, pure white. Pkt 5c, oz 20c, 2 oz 45c, $\frac{1}{2}$ lb 70c, lb \$2.40.

Paris Silverskin—A handsome Onion of mild flavor, extensively grown for pickling. Pkt 5c, oz 20c, 2 oz 35c, $\frac{1}{2}$ lb 60c, lb \$2.00.

White Queen—Remarkable for its extreme earliness and very mild flavor, it is small and white skinned, much liked for pickling. Pkt 5c, oz 20c, 2 oz 40c, $\frac{1}{2}$ lb 70c, lb \$2.40.



Dutch Onion Sets



Paris Silverskin Onion for Pickling



White Barletta Onion

(One quart of Dutch sets is needed for 40 feet of drill)

Please remember that Onion sets are subject to fluctuations of the market, and the prices quoted below are those of the time when this Catalogue was published, and are not binding throughout the season.

White Potato or Multiplier Onion Sets—Are of a pure silvery white color and very productive, of excellent size, and quality for bunching green, or can be ripened for use as pickling Onions. Their keeping quality is remarkable, but their most important quality is their extreme earliness, being ready for market from three to four weeks ahead of other onion sets. Pt 20c, qt 30c, 2 qts 55c, 4 qts \$1, postpaid. Peck \$1.25, bush \$4.00; carriage extra.

Yellow Onion Sets (Dutch Sets)—Pt 15c, qt 25c, 2 qts 45c, 4 qts 90c, postpaid; peck \$1.50, carriage extra.

White Onion Sets (Dutch Sets)—Pt 20c, qt 30c, 2 qts 55c, 4 qts \$1, postpaid; peck \$1.70, carriage extra.

English Potato Onion Sets—The real English multiplier. Lb 20c, 2 lbs 35c, postpaid; 10 lbs \$1.20, carriage extra.

Shallots, or Multiplier Onion Sets—For early spring use. Lb 20c, 10 lbs \$1.50 at purchaser's expense.

Egyptian or Perennial Tree Onion—For fall delivery only. Grows for years without any protection or care, except to keep down weeds. It starts so early in the spring that it is ready for use long before any other onion can be had. It is mild flavored, sweet and tender. Pt 15c, qt 25c, 2 qts 45c, postpaid; peck 60c, carriage extra.

◆◆◆◆◆
SPECIAL OFFER. No. 7—One pint each **White and Yellow Dutch Sets** 35c, one quart of each 55c, four quarts of each \$2.00 by mail, postpaid.
 ◆◆◆◆◆



Small White Nocera Onion



White Potato or Multiplier Onion Sets

Good Onion Seed is of the utmost importance. Simmers' Onion Seed is Unexcelled

German—Essbarer. **OKRA OR GUMBO** French—Gombo.

(One ounce will plant 100 hills.)

CULTURE—Its long pods, when young, are used in soups, stews, etc. It is sown at the usual time of all tender vegetables, in drills 2 inches deep, setting the plant from 2 to 3 feet apart.

Long Pale Green—Long-ribbed pods, this variety generally succeeds the best of any. Pkt 5c, oz 15c, 2 oz 25c, ½ lb 40c.

Dwarf Green—Earliest, with small, green, smooth pods. Pkt 5c, oz 15c, 2 oz 25c, ½ lb 40c.

German—Peterslie
French—Persil.**PARSLEY**

Almost total failure.

(One ounce will sow 125 feet of drill.)

Covent Garden, or Champion Moss
Curled Parsley

Soak the seeds a few hours in warm water and sow very early in the spring, in drills 12 inches apart; thin out the plants to 6 inches apart. To have green during the winter remove plants into a box and place in a light cellar or cold frame.

Best Extra Triple Curled, with leaves finely cut and curled and of deep emerald green hue. Extra fine for garnishing and culinary purposes. Pkt 5c, oz 15c, 2 oz 25c, ½ lb 40c, lb \$1.20.

Covent Garden—or **Champion Moss Curled**—A perfectly curled variety. Pkt 5c, oz 15c, 2 oz 25c, ½ lb 40c, lb \$1.20.

PEPPERS

French—Finiment.

German—Pfeffer

(One ounce will produce 1,000 plants)

CULTURE—Peppers are sown as early as possible in spring, in a hotbed or warm room, one-quarter of an inch deep, and transplanted about the middle of May, in hills 18 inches apart each way, or in drills with plenty of rotten manure at the bottom. The soil must be rich and strong, and in the course of the summer an occasional watering with liquid manure or a moderate solution of guano will be beneficial.

Improved Bull Nose or Large Squash or Bell—Of mild flavor, favorite sort for pickling, and for use in the natural state. Pkt 5c, oz 30c.

Long Cayenne—Best for pickles, pods long, cone-shaped. Pkt 5c, oz 30c.

Long Red—Pods brilliant red, 2 to 4 inches in length. Pkt 5c, oz 30c.



Long Red Pepper

Monstrous or Grossum—remarkably large and irregular in shape, sweet and thick flesh. Pkt 5c, oz 40c.

Neapolitan—the earliest of all large peppers, and most productive. Bright red and very mild flavor. Pkt 5c, oz 40c.

Procopp's Giant—They are of brilliant scarlet color, flesh fully one-half inch thick. They are just hot enough to be pleasant. Each plant ripens from 8 to 12 perfect fruits, from 8 to 10 in. long by 3 in. thick. Pkt 5c, oz 40c.

Ruby King—Beautiful bright red, fruit very large and mild. Pkt 5c, oz 40c.

Celestial—The plant begins to set its fruit early in the season, and continues until frost. They are from 2 to 3 inches long, of clear, sharp flavor. Pkt 5c, oz 40c.

Improved Bull Nose or
Large Squash or Bell Pepper

Sweet Spanish—Fruit obtusely conical, often 4 inches in length, nearly 3 inches in diameter, glossy scarlet in maturity, the earliest of all, sweet, mild and pleasant. Pkt 5c, oz 40c.

Small Red Chili—Fruit very piquant and small, about 2 inches in length. Pkt 5c, oz 30c.

Mammoth Golden Queen or Mango—Beautiful golden-yellow color, very sweet, of dwarf growth, with very large fruit. Pkt 5c, oz 40c.

SPECIAL OFFER No. 8.MOSS CURLED PARSLEY, LONG RED PEPPER, HOLLOW
CROWNED PARSNIP

One Packet each for 10 cents.



Hollow Crowned Parsnip

PARSNIPS

Almost total failure.

German—Pastinake.
French—Panais.

(One ounce will sow about 150 feet of drill.)

CULTURE—Parsnips succeed best in a deep, free, rich soil; that having been heavily manured for previous crops, should be selected, and if manure must be used, let it be well decomposed. Sow in drills 15 and 18 inches apart, as early in the spring as possible, thin out, leaving 6 inches between them. The roots are hardy and are improved by frost, and it is usual to take up sufficient in the fall for winter use, leaving the rest in the ground until spring to be dug up as required.

Large Long Smooth Dutch Hollow Crowned—We believe this is the finest stock of parsnip that can be produced. The roots run of uniform size, and are smooth. The growing taste for this delicious vegetable will make this strain particularly desirable. (See cut). Pkt 5c, oz 10c, 2 oz 15c, ½ lb 25c, lb 80c.

Improved Guernsey or Half Long—The roots do not grow so long as the Hollow Crown, but are of greater diameter and more easily gathered. The roots are very smooth, the flesh fine-grained, and of excellent quality. Pkt 5c, oz 10c, 2 oz 15c, ½ lb 25c, lb 80c.

Early Round—A short variety, crown broad and rounded, somewhat hollow at the insertion of the leaves, very fine flavored. Pkt 5c, oz 10c, 2 oz 15c, ½ lb 25c, lb 80c.

German—Kurbis.

PUMPKINS

French—Courge.

(One ounce will sow about 20 hills)

CULTURE—Seeds are saved from enormous specimens, and should be sown on hills with plenty of manure at bottom, in rather damp ground. Only 2 or 3 plants to each hill. Excellent for culinary and feeding purposes.

Simmers' Mammoth Prize Pumpkin—Flesh and skin bright golden yellow. Flesh fine grained, excellent quality. Notwithstanding its enormous size, it is one of the very best pie pumpkins ever grown, fine keeper. Pkt 10c, oz 25c, 2 oz 40c, ½ lb 75c.

Winter Luxury—This we recommend as one of the best pie pumpkins, an excellent keeper and enormously productive. It is finely netted and in color it is golden russet. Pkt 5c, oz 10c, 2 oz 20c, ½ lb 30c, lb \$1.00.

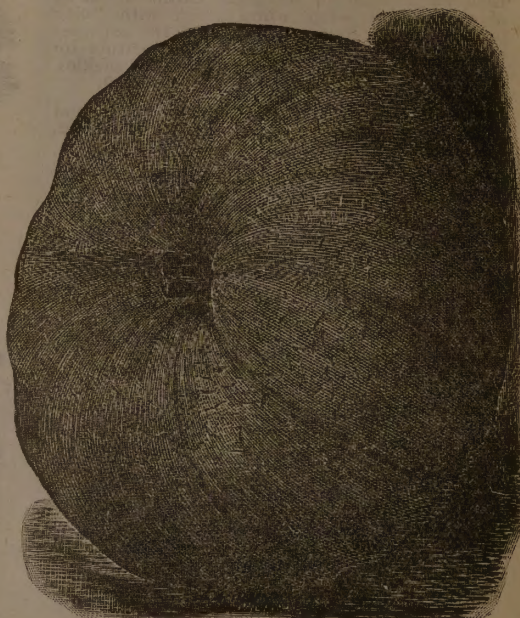
Large Yellow Mammoth Cheese—Hardy, productive and superior in all respects to most of the field grown sorts, fine grained and excellent flavor, growing to an enormous size. Pkt 5c, oz 10c, 2 oz 15c, ½ lb 35c, lb \$1.20.

Japanese Pie—Flesh very thick, nearly solid, unusually fine grained dry and sweet, resembling sweet potatoes in taste. It ripens early and keeps well. The seeds are very curiously marked. Pkt 5c, oz 15c, 2 oz 25c, ½ lb 40c, lb \$1.40.

Large Field—Both for culinary purposes and for feeding cattle, a large yellow variety known as the Pie Pumpkin. Pkt 5c, ½ lb 15c, lb 40c, postpaid 45c.

Jumbo—One of the largest varieties grown, very attractive. Pkt 10c, oz 20c, 2 oz 35c, ½ lb 60c, lb \$2.00.

Jonathan—A good keeper of large size, very prolific, smooth, and even fleshed; very sweet and fine for pies. Pkt 5c, oz 15c, 2 oz 25c, ½ lb 40c, lb \$1.40.

**SPECIAL
OFFER
No. 9****PUMPKINS**One Packet
eachSimmers'
Mammoth
Prize
Japanese
Jumbo,
Pie
For 15 Cents

Simmers' Mammoth Prize Pumpkin

POTATOES

German—Kartoffel

French—Pomme de Terre.

(In drills 3 feet apart; 12 to 14 bushels to the acre, 1 peck will plant about 125 hills).

"A.B.C. of Potato Culture," by Terry. Price 50c.

Prices on Potatoes are subject to Market Changes without Notice.



Sensation Potato

EARLY "SENSATION"

An Extra Early Handsome Potato. A Strong, Healthy Grower.

The finest in quality of all early potatoes, and the earliest variety of good size. The potatoes are roundish oblong in form, with a beautiful creamy white skin, slightly suffused with pink, the eyes are shallow. The cooking qualities are all that can be desired. It is the best variety for truckers, as it ripens very evenly as well as early. The tops die down quickly as soon as the crop is matured, so that the potatoes may be dug early and the ground planted to a second crop. It has also been found practically blight-proof.

There is a great deal of pleasure and satisfaction in being able to be the first to deliver full grown potatoes to market, anywhere from a week to two weeks ahead of your neighbors and secure the fancy prices.

We have choice stock which we will supply as long as it lasts at the following low prices:

Price—lb. 20c, postpaid; peck 80c, bush \$3.00, bag \$4.00.

EUREKA, EXTRA EARLY

Growers who suffered the past season through failure of their crop, owing to the extremely dry summer, will appreciate a Potato that will practically resist drought. This is one of the excellent qualities of the Eureka. It is an extra early variety, the crop being fairly well matured before the hot dry summer sets in. The tubers are of a shortened oblong form, thick through, with few eyes. The skin is very smooth and white. The flesh is firm and of good flavor. An excellent keeper.

Price—lb 20c, postpaid; peck 75c, bush \$2.50, bag \$3.50

EARLY MARKET

Grows a rather spare upright top, matures its crop very quickly, and produces heavy yields of large, smooth potatoes, with few small ones. It is early and good in quality. The tubers have the peculiar specks characteristic of all the Ohio class.

Lb 20c, postpaid; peck 75c, bush \$2.50, bag \$3.50.

EXTRA EARLY "OHIO JUNIOR"

The Earliest of all and a Great Cropper

This variety is 2 weeks ahead of the old Early Rose, and is a special favorite with farmers and marketmen. The tubers grow compact in the hill, and very few small ones; few eyes. With heavy manuring, close planting (they can be planted almost a half closer than most other kinds on account of their upright growing tops), and good culture, a very large and profitable yield can be expected. This is our specialty in standard early varieties. We are confident that many do not know a true Early Ohio, having been deceived in the purchase of the seed.

Lb 20c, postpaid; peck 75c, bush \$2.50, bag \$3.50.

"IRON AGE" POTATO IMPLEMENTS

Potato Planter. "Iron Age" Improved Robbins' Potato Planter with Fertilizer Distributor. Plows with shield or disc as ordered. Weight packed, 735 lbs. Price \$90.00.

"Iron Age" Potato Digger. Price \$125.00.

When Potatoes are ordered by the bushel, linen bags must be allowed for at the rate of 10c per bushel or bag, otherwise the amount will be deducted from the quantity ordered.

N. B.—We shall ship as early as is safe from the frost, but we will ship when requested any time customers wish to take their own risk. On late orders it will save time to state, in case supply of some kinds is exhausted, whether you wish us to return money or substitute other sorts of same value.

IRISH COBBLER

This variety has become immensely popular during the past few years, and we offer it this season with every assurance that our customers will fully appreciate its excellent qualities. It is almost as early as the Early Ohio and the yield is much superior. It is of fairly large size, almost round with flattened sides, white in color, making it a very attractive sort for the early market.

Price—lb 20c, postpaid, peck 75c, bush \$2.50, bag \$3.50.

THE "DELAWARE"

Delaware—Its cropping qualities are phenomenal, and we believe it to be one of the heaviest yielding Potatoes grown. Its productiveness is largely attributable to the uniform size of the potatoes, nearly all sizing up alike none too large and few too small, but its crowning merits is its superb cooking qualities, which will ultimately place Delaware on every table where quality in Potatoes is appreciated. Its handsome pure white, floury appearance attracts the attention of all. It is a medium late variety. The tubers are oval, with pure white russet skin, with very shallow eyes and handsome in appearance and perfect form. Lb. 20c, postpaid, peck 75c, bush \$2.50, bag \$3.50, carriage extr

GOLD COIN

Unequaled for Main Crop

The vines are strong, with exceptionally luxuriant deep green foliage, making a healthy growth when other varieties are cut down by blight. The tubers are of good size and lie closely together in the hill. In form the tubers are slightly oblong, rather broad and quite thick through. The eyes are small and there is but little waste in paring. The skin is thin, smooth, and glossy, of light golden tint, having just sufficient coloring to distinguish it from the white-skinned varieties. The flesh is fine-grained, of a pure pearly whiteness, and cooks to a dry floury whiteness. Price—lb 20c, postpaid; peck 75c, bush \$2.50, bag \$3.50.

SPECIAL OFFER No. 10 1 lb each of any three varieties 60c. 3 lbs each \$1.75 postpaid. Also 1 peck each \$2.25, by freight or express at purchaser's expense.

POTATO EYES (Free by Mail)

The eyes as put up by us are in as good condition for growing as if freshly cut from the potato, and will produce just as good a crop, hence everyone who has a garden can order at any time during the winter or early spring and save express or freight charges. We offer 4 varieties this season as follows:

25 Eyes Early Ohio Jr.	40c	25 Early Sensation	40c
25 Gold Coin	40c	25 Delaware	40c



Sweet Potato

SPECIAL OFFER—25 eyes each of the above four varieties for \$1.50, postpaid.

Potato Seed per pkt 25c.

SWEET POTATO PLANTS

Early Nansemond, doz 30c, 50 for 75c, 100 for \$1.25.

POTATO MANURE

Ammonia 3 to 4 per cent.; phosphoric acid 8 to 10 per cent.; potash 3 to 4 per cent. A high grade manure prepared expressly for potatoes. Use from 400 to 800 lbs. per acre. Price per lb. 10c, 10 lbs. 50c, 100 lbs \$2.25, 200 lbs. \$4.00, ton \$37.50.

Peas

(Almost total failure)

CULTURE—See Simmers' "VEGETABLE GARDEN," 50 pages (price 25c.) free with orders of \$1.00 and over, when asked for with order.

We supply all varieties of Peas, except where specified, at 5c per small pkt. and 10c for larger pkt.

(Wrinkled varieties 56 lbs per bu.)

EARLY VARIETIES

(Round varieties 60 lbs per bu.)

Simmers' First of All or Extra Early—This variety is unequalled for excellence, yield, size of pod and regularity of ripening. Height two feet, produces pods of good size, which are well filled with round, smooth peas of splendid flavor. It is a prodigious bearer, and in this last feature and in its extreme earliness consists its great value to market gardeners and truckers. At the same time we know of no other variety that is more popular than Simmers' First of All in private gardens. Lb or pt 20c, qt (2 lbs) 35c, peck \$2.10 bush \$8.00.

Surprise—One of the earliest of the wrinkled sorts, fully as early as the smooth varieties, but far superior in quality. The vines grow about two feet high, and are enormously productive, bearing many pods which are well filled with deliciously sweet peas; not quite as large as the American Wonder, but fully its equal in quality. Lb 30c, qt 60c, pk \$3.75, bush \$14.00.

Alaska—The earliest blue pea, very uniform in growth, the dark green color of the pods combined with its earliness, make it a most desirable extra early pea for market and private gardens. Height two feet. Lb or pt 20c, qt 40c, pk \$2.50, bush \$9.60.

McLean's Little Gem or Premium Gem—One foot, dwarf green wrinkled marrow, has all the sugary flavor of the late wrinkled peas, besides being very early. Needs no sticks. Lb or pt 30c, qt (2 lbs) 60c, pk \$3.75, bush \$14.00.

Gradus or "Prosperity"—This is a large-podded marrow of the finest quality, maturing pods only two or three days later than the small-podded, round-seeded, extra earliest. The vine has heavy stems with large dark green leaves, and in rich soil grows three feet in height. It produces uniformly large pods measuring from four to four and a half inches in length, nearly round and well-filled with very large, handsome peas, which remain tender and sweet for some time. Pkt 10c lb or pt 35c, qt 60c, pk \$4.00.

Thos. Laxton—The growth of this variety is identical with that of Gradus, but the pods are a deeper, richer green, square at the end and even sweeter and finer in flavor than the Gradus. It is generally three or four days later than Gradus. Pkt 10c, pt 35c, qt 60c, pk \$4.00.

Nott's Excelsior—Robust and vigorous in growth, producing in profusion long handsome pods, closely packed with large peas of fine flavor. Seed green, wrinkled, square at the end like American Wonder. Height 12 inches. Lb or pt 30c, qt 60c, pk \$3.75, bush \$14.00.

Sutton's Excelsior—Similar in habit of growth to Nott's Excelsior but with large pods filled with large peas, tender and of delicious flavor. Height, 18 inches, very hardy, heavy bearer. Pkt 10c, lb or pint 30c, 2 lb 55c, 5 lb \$1.30, peck \$3.50.

American Wonder—Ten inches. One of the earliest wrinkled peas in cultivation, exceedingly productive and of very dwarf and compact growth; quality good. Lb or pt 30c, qt (2 lbs) 60c, pk \$4.00.

William Hurst—A dwarf, compact growing variety, 8 to 10 inches high, similar to the American Wonder. The vines are more productive, the pods mature more nearly at one time, enabling the whole crop to be taken off at one or two pickings, while the quality is superior. Pods two and a half inches in length, slightly pointed at each end. Lb 25c, qt (2 lbs) 40c, pk \$3.00.

Daisy or Dwarf Telephone—The vines grow fifteen to eighteen inches high, are dwarf, stalky and vigorous, very productive. The pods are about five inches long, and well filled with large, thick, pale green peas of good lasting qualities. The pods often contain as many as ten peas. Pkt 10c, lb 30c, qt 60c, pk \$4.00.

MEDIUM EARLY VARIETIES

HEROINE—Pods remarkably long and handsome, slightly curved, well filled with large luscious peas of fine flavor. Height two feet, Seed green and very much wrinkled. Lb 30c, qt 60c, pk \$3.75, bush \$14.00.

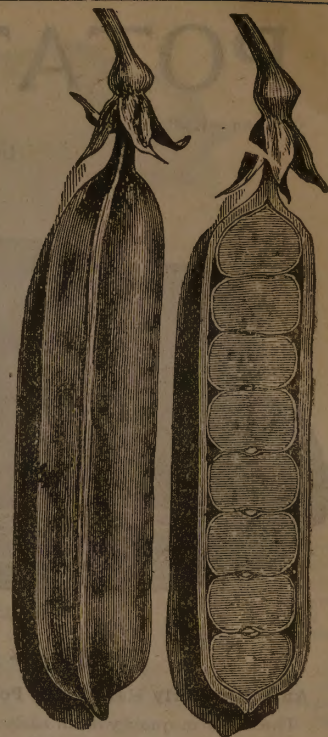
Bliss Everbearing—Two feet high. A splendid general crop pea, averaging four inches in length and containing six to eight wrinkled peas of large size, while in sweetness of flavor they are unsurpassed. Pt 30c, qt (2 lbs) 60c, pk \$3.75, bush \$14.00.

Horsford's Garden—Grows from two to two and a half feet high. It is extremely prolific, and bears its pod always in pairs, and on some of the best plants over 150 pods have been counted. One of the sweetest peas. Lb 25c, qt 40c, pk \$3.00, bush \$12.00.

EDIBLE PODDED OR SUGAR PEAS

Tall Scimitar Sugar—Pods are edible, very sweet, 7 to 10 inches long, grows 6 feet high, can be used in green state like string beans. ¼ lb 10c, lb or pt 30c, qt 50c, pk \$3.50.

Dwarf Sugar—Pods edible, 2 feet high, can be used in green state like string beans. ¼ lb 10c, lb or pt 30c, qt 50c, pk \$3.50



Sutton's Excelsior Pea.



Gradus or "Prosperity" Peas



Nott's Excelsior Peas

If Peas are to be sent by Mail be sure to add Five Cents per pound for Postage.

Peas—Continued

Packets of any Variety, Five Cents Each.

LATER VARIETIES

Stratagem, Improved—The old Stratagem Pea has always been one of the best late sorts for quality, but it was a shy yielder, which impaired its usefulness. The Improved Stratagem has all the sterling qualities of the original type, and is one of the heaviest yielders. The vines are of medium height; very stocky; the pods are of immense size, well filled with very large dark green peas. Pt 30c, qt 60c, peck \$4.00.

Telephone—This strong growing, sweet, wrinkled pea is driving out of the local market the common kinds of early hard peas, owing to its strong growth, large, handsome, well-filled pods and very fine table quality. The vines often bear 18 to 20 pods per stalk, each containing 6 to 7 large peas; 4 feet high. Pt 30c, qt 60c, peck \$3.80, bush \$14.00.

Pride of the Market—It grows from 18 inches to 2 feet in height, and bears grand pods well-filled from top to bottom with large, fine flavored peas. Its robust constitution, enormous yield and superior appearance ensure its acceptance as a favorite with the public. Pt 25c, qt 40c, peck \$3.50.

Champion of England (4 feet)—Universally admitted one of the best peas grown; a delicious flavor and good bearer. Lb or pt 30c, qt 50c, peck \$4.00, bush \$14.00.

Black-Eyed Marrowfat (3 feet)—Best for general crop, has large and well-filled pods; a popular market variety. Lb or pt 15c, qt 25c, peck \$1.25, bush \$4.80.

Large White Marrowfat—Well known, prolific and of good flavor, 3 feet high. Lb or pt 15c, qt 25c, peck \$1.25, bush \$4.80.

Yorkshire Hero (2½ feet)—Very prolific, and of delicious flavor. Lb or pt 30c, qt 50c, peck \$4.00, bush \$14.00.

THE THREE BEST PEAS

for the
Home Garden

These can be all planted at the same time and they will be ready for use in succession.

Nott's Excel-sior Early Dwarf variety, very productive.

Thos. Laxton—Best next early variety.

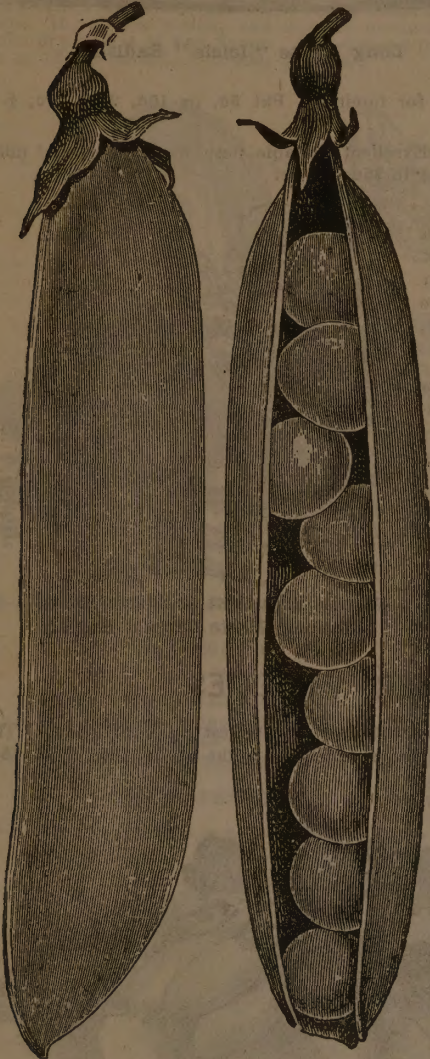
IMPROVED STRATAGEM—Best large podded late variety. For further description see general list.

No. 11 SPECIAL OFFER

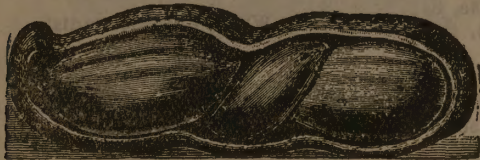
Packet of 3 Sorts postpaid 20c

¼ lb each of the 3 Sorts, postpaid 55c

1 lb each of the 3 Sorts, postpaid \$1.00.



Improved Stratagem Pea



IMPROVED PEANUT or GROUND PEA

The Peanut Plant is a pea which blossoms in the air, and then thrusts the ovary under ground for development. The ripened ovary or seed pod is the peanut of commerce. The choice variety which we offer is early, large prolific, yielding fewer imperfect pods than any other kind. The nut is red, with two or three kernels to the pod; large and of rich flavor. Pkt 10c, pt 30c, qt 50c, postpaid.



Johnston St. Martin Rhubarb

RHUBARB OR PIE PLANT

German—Rhubarber.

French—Rhubarbe.

(One ounce will produce about 500 plants)

CULTURE—Sow in April in drills one inch deep and one foot apart; when the plants are three or four inches high, thin out to ten inches apart, and cultivate well during the season; in fall or following spring, transplant into hills about three feet apart each way. The soil must be very deep and heavily manured. Give a top dressing of manure every fall.

Johnston St. Martin—It is immediately productive, one of the earliest, and has a rich, spicy flavor, very similar to the Gooseberry when used for pies. Delicate pink. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb \$2.

Myatt's Linnaeus—One of the best for family use, thin skin; very early and productive. Deep green. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb \$2.

Victoria—Similar to the preceding, but more acid and productive; stalks red. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 60c, lb \$2.

Large Roots of any of the above—Each 20c, 3 for 50c, per doz \$2.00, postpaid; doz \$1.70, 100 \$12.00, by express.

SALSIFY

OR VEGETABLE OYSTER

German—Bocksbart

French—Salsify

(One ounce will sow 50 feet of drill)

CULTURE—The direction for growing and cultivating Carrots, given on page 12, apply also to Salsify. From its resemblance in flavor to oysters it derives its name. Soak the seed before sowing, in warm water for 12 hours.

Mammoth Sandwich Island—This variety is of very large size, twice that of the ordinary Long White; pure white, very tender and delicious; invaluable for the market gardener. Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 50c, lb \$1.75.

SCORZONERA

OR BLACK OYSTER PLANT

(One ounce will sow 50 feet of drill)

CULTURE—Cultivated the same as carrots or Salsify. The outer rind of the roots being scraped off, they are steeped in water to abstract a part of its bitter flavor. They are then boiled or stewed in the manner of carrots or parsnips.

Pkt 5c, oz 20c, 2 oz 35c, ¼ lb 50c, lb \$2.



Mammoth Sandwich Island Salsify

RADISHES

German—Radieschen und Rettige. French—Radis.

(One ounce will sow 100 feet of drill.)

CULTURE—See Simmers' "Vegetable Garden," 50 pages (price 25c) free with orders of \$1.00 and over, when asked for with order.

SUMMER VARIETIES

EARLY ROUND OR TURNIP-SHAPED

"Leafless Bright Scarlet"—Extra early, remarkable for the small size of the leaves; the roots grow so quickly they are practically in advance of the leaves. A beautiful bright color and the crisp, tender flesh is excellent. Pkt 5c, oz 15c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Triumph (Forcing)—The small, round, pure white roots are marked with bright scarlet, in flakes and in short lines running around the circumference. Very desirable for forcing under glass. Skin thin, flesh crisp.

Early Scarlet Olive-Shaped Radish

tender and mild in flavor. Pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Early Scarlet Turnip-Rooted—Small top, quick growth, mild and crisp, best for market. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

Early White Turnip-Rooted—Very early, flesh and skin white. Grown for mixing in with bunches of red radishes. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c.

Early Scarlet White-Tipped Turnip-Rooted—A very pretty variety, excellent for market, and fine for forcing. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 70c.

Early Scarlet Globe (Forcing)—A most desirable turnip sort for hot bed forcing; very early and in flavor mild, crisp, juicy and tender. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 70c.

Early Non Plus Ultra (Forcing)—Unquestionably the earliest forcing radish, being fit for use in three weeks; the root is round and bright scarlet, the flesh tender and particularly delicate. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

Rosy Gem or Scarlet White Tipped Forcing—Shape is perfectly globular, with rich deep scarlet top, blending into pure white at bottom, exceedingly tender, crisp and delicious; desirable for growing under glass. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

EARLY OLIVE-SHAPED

Early Scarlet Olive-Shaped White-Tipped (Forcing)—(French Breakfast Radish)—A variety of quick growth, mild and tender, and one of the best for forcing. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 70c.

Half Long Deep Scarlet or Paris Beauty—An



Scarlet White Tipped Turnip-Rooted Radish

early variety intermediate in shape between long scarlet and olive shaped. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 70c.

Early Scarlet Olive-Shaped—Very early of a livid rose color and oblong shape. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 70c.

Early White Olive-Shaped—Similar to Scarlet, skin being white. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

SPECIAL OFFER No. 12

For 15c.

- { 1 pkt Scarlet Turnip Radish.
- { 1 pkt Rosy Gem Radish
- { 1 pkt Scarlet Olive-Shaped Radish.
- { 1 pkt Victoria Improved Spinach.

EARLY LONG

Long Brightest Scarlet White Tipped or Cardinal—Roots mature in about twenty-five days from time of planting, and continue in good condition until full grown. It has a small top and can be used for forcing. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

Long White

"Icicle"—This distinct Radish is the finest and longest of the very early pure white varieties. It is crisp, tender and of mild flavour. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.



Wood's Early Frame (Forcing)

—A long, scarlet, excellent for forcing. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 70c.

Long White Naples—Excellent for table, flesh white, crisp and mild. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 70c.

Improved Chartier

The color at the top being crimson, running into pink about the middle, and from thence downwards it is a pure waxy white. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 70c.

Long White Vienna

("LADY FINGER")—The radishes being long, slender, pure white, crisp, and very mild in flavor. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 70c.

Long Scarlet, or Early Short Top—A standard variety for market and private gardens. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 70c.

Long White "Icicle" Radish

Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 70c.

Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 70c.

Improved Chartier

The color at the top being crimson, running into pink about the middle, and from thence downwards it is a pure waxy white. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 70c.

Long White Vienna

The radishes being long, slender, pure white, crisp, and very mild in flavor. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 70c.

Long Scarlet, or Early Short Top—A standard variety for market and private gardens. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 70c.

French Breakfast or Scarlet Olive-Shaped White Tipped Radish



WINTER VARIETIES

White Chinese (Celestial)—One of the largest in cultivation. The flesh is white and solid and flavor excellent. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Long Black Spanish—Very large and one of the best for winter use. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

California Mammoth or Long White Spanish—Very large, rather milder than the Long Black. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.



White Chinese Radish

Long China Rose—Very desirable, light rose color, flesh fine and piquant. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 80c.

Round Black Spanish—Large, of firm texture. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 30c, lb \$1.20.

OUR RADISH MIXTURES

Summer Varieties, Winter Varieties. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 30c, lb \$1.00.

German—Speisekurbisse.

SQUASH

French—Courge.

(One ounce will plant fifty hills).

CULTURE.—Prepare the hills the same way as directed for Cucumbers on page 16. The bush varieties, should of course, be planted closer together than those with long vines.

SUMMER VARIETIES

Bush Vegetable Marrow—A decided improvement on the old trailing Vegetable Marrow; the fruit is larger, handsomer, more ribbed or fluted, and of strictly bush form. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 50c, lb \$1.50.

English Vegetable Marrow—(Running)—Well-known variety, oblong, skin greenish yellow, flesh white, rich flavor. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.40.

Summer Crookneck—Early, productive and good quality, fruit orange yellow. Pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Bush Scallop—Yellow. Pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Bush Scallop—White—pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00

WINTER VARIETIES

Golden Hubbard Squash—In shape same as the Green Hubbard, but the skin is a rich orange color. It matures earlier, and is more productive. The color of flesh is deep golden yellow, cooks dry and is of fine flavor. The keeping qualities are fully equal to the old variety. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.20.



Summer Crookneck Squash

Green Hubbard—The standard winter squash, of good size, dry, fine grained, orange-yellow flesh, and dark olive green skin. Our seed is the very best strain. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 45c, lb \$1.50.

Chicago Warty Hubbard—A specially fine strain of the popular and well-known Hubbard Squash. The fruits are large and uniform in size, with rich, dark skin, generally set thickly with small excrescences or warts; very productive. The strain has deservedly become very popular in many markets. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 45c, lb \$1.50.

Mammoth Whale—The squashes are often three feet long, of a dark, rich color, and sometimes weigh over one hundred pounds. The flesh is solid, of a beautiful orange-yellow color, and of excellent quality. It is a good winter keeper. Pkt 10c, oz 25c, 2 oz 40c, $\frac{1}{4}$ lb 75c, lb \$2.50.

Essex Hybrid—Rich flavored, fine grained and sweet, flesh very thick, rich colored and solid, very early. Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.20.

Boston Marrow—Fine, large and sweet; it keeps well in winter and will boil dry as a potato. Pkt 5c, oz 15c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.

Large Mammoth Yellow Chili—Grows to an immense size, often weighing 200 lbs; excellent for all uses. Pkt 10c, oz 25c, 2 oz 40c, $\frac{1}{4}$ lb 75c, lb \$2.50.



English Vegetable Marrow



Large Leaved Giant Flanders

Special Offer No. 13

ONE PACKET EACH OF
Mammoth Whale Squash
English Vegetable
Marrow
Hubbard Squash
FOR 15 CENTS

Special Offer No. 14

ONE PACKET EACH OF
Green Hubbard Squash
Golden Hubbard
Chicago Warty Hub-
bard
Summer Crookneck
FOR 15 CENTS



Golden Hubbard Squash

SEA KALE

(One ounce will produce about 300 plants).

In this vegetable are combined the flavors of Asparagus and Celery. The stalks may be cooked like Asparagus, or stalks and leaves may be used as greens.

Seed—Pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{4}$ lb 75c, lb \$3.00.

French—**SPINACH** German—
Epinard. Spinat.
(One ounce will sow 100 feet of drill; 10 to 12 lbs. for one acre.)

CULTURE—Sow in drills one inch deep and one foot apart; the summer varieties in April for summer use, and the winter varieties in August or September for winter or spring use.

VICTORIA IMPROVED—The foliage is heavy, the broad, dark green leaves being of a true Savoy appearance, and of the finest quality, it remains in prime condition from two to three weeks after all other varieties of spinach have run to seed. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 40c.

Extra Large Leaved or Giant Flanders (Viroflay)—A splendid variety, with leaves much larger and broader than any other variety, round, thick and fleshy dark green. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 40c.

Round Leaf or Summer—The main market sort, equally good for either fall or spring sowing. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 40c.

Long Standing—Stands a long time before running to seed, otherwise similar to the well-known Round Leaf. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 40c.

Prickly or Fall—Stands well in winter, but gives less bulk per acre than the Round Leaf. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 40c.

Bloomdale Large Curly, or Savoy Leaved—Excellent, tender and fine flavored. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 40c.

Large Mountain Orach, or French Spinach—Cultivated and used like Spinach. Pkt 5c, oz 20c, 2 oz 30c, $\frac{1}{4}$ lb 50c, lb \$1.50.

New Zealand—(Tetragonia perennial)—Fit for use the first year, must be slightly protected during winter. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Perennial—(Rumex Patientia)—Sown in spring and fit for use in autumn, quite hardy. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, lb 75c.

German—
Liebesapfel.**TOMATO**French—
Tomate.

(One ounce will produce 1,500 plants)

CULTURE—Sow in a hotbed about the first week in March in drills about five inches apart and a half an inch deep. About the middle of May, in this latitude the plants may be set in the open ground. They are planted for early crops on light, sandy soil, at a distance of three feet apart, in hills in which a good shovelful of rotten manure has been mixed. On heavy soils which are not suited to an early crop, they should be planted four feet apart, water freely at the time of transplanting, and shelter from the sun a few days until the plants are established.

Chalk's Jewel—The largest, smoothest and finest flavored extra early variety. The thick flesh is bright scarlet, very solid, with few seeds. Pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{2}$ lb \$1.00.

Livingston's Globe—In shape distinct from all others—Early, large, and firm fleshed, with few seeds. Color glossy rose; flavor excellent. Pkt 10c, oz 30c, 2 oz 55c, $\frac{1}{2}$ lb \$1.00.

Livingston's Dwarf Stone—Its fruits average nearly as large as Stone, the well-known, largest fruited, standard red variety, and yet come very early, the strong, upright habit of growth permits of close planting—as near as 18 by 24 inches—and produces an abundant crop. The shape of fruit is beautifully smooth; free from cracks about stem; grows solid; ripens evenly and is of excellent quality. Pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{2}$ lb \$1.00.

Magnus—The fruits are very deep from stem to blossom end, many of them being almost globe-shaped. It ripens evenly, does not crack, and the flavor is most desirable. Pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{2}$ lb 75c.

Livingston's Coreless—The most perfect shaped Tomato ever produced. Large size, globe shaped, a strong grower, heavy cropper and of excellent keeping quality. Pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{2}$ lb \$1.00.

"Imperial"—The fruit is large smooth and solid. It not only produces very early fruit, but it will hold out through the season until late in the fall. A splendid keeper. In color it is that attractive pink. Pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{2}$ lb 75c.



Earliana Tomato

STANDARD VARIETIES

Our Tomato seed has all been grown by Tomato specialists who plant for seed only. Per pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{2}$ lb 75c, any of the following:

Dominion Day	Mikado
Beauty	Ignotum
Plentiful	Dwarf Champion
Peach	

YELLOW VARIETIES

Golden Queen—Large smooth, yellow, excellent flavor, very productive. Pkt 5c, oz 25c, 2 oz 40c, $\frac{1}{2}$ lb 75c.

Yellow Peach—Very distinct, fruit of medium size, resembling a peach in size, shape and bloom, color yellow. Pkt 5c, oz 40c, 2 oz 75c.

Yellow Cherry.....
Small Red Cherry.....
Small Red Currant.....
Yellow Plum.....
Yellow Pear.....
} Pkt 5c, oz 50c.

PRESERVING VARIETIES

WINTER CHERRY, also called Strawberry or Ground Cherry (*Physalis-Alke-kengi*)—Culture same as Peppers. The fruit of the plant, which is a berry enclosed in an inflated calyx, is eaten as a common fruit, and is particularly pleasant for tarts. Pkt 5c, oz 40c.

TOBACCO

Seed is generally sown in hot beds in March and April, though sometimes in cold frames or even the open ground. As soon as plants are from four to five inches high, and all danger of frost is passed, they should be transferred to open ground in rows four feet apart and from two and a half to three and a half feet apart in the rows. After planting the ground should be stirred with a one-horse cultivator about once in ten or twelve days, so as to keep the land thoroughly clean from weeds, and in a porous and mellow condition. Frequent cultivation will also induce more favorable conditions of moisture. This should be continued as long as the cultivator can be passed through the rows without injuring the plants. After this, as the roots of the plants will then almost fill the space between the rows, the ground should be kept clean by shallow hoeing.

Small Red Canadian—Fine for smoking. Pkt 10c, oz 60c.

Canelle—Fine flavored Canadian variety Pkt 10c, oz 50c.

Connecticut Seed Leaf—Pkt 5c, oz 30c, 2 oz 50c, $\frac{1}{2}$ lb 90c.

White Burley. Pkt 5c, oz 40c, 2 oz 70c, $\frac{1}{2}$ lb \$1.20.

"TOBACCO CULTURE"—Full practical details from the propagation of the seed to the harvesting curing and marketing of the crop, by fourteen experienced tobacco growers. Price 25c postpaid.

"TOBACCO LEAF"—By Myrick & Killbrew, \$2.00.

Virginia Seed Leaf—Pkt 5c, oz 40c, 2 oz 70c, $\frac{1}{2}$ lb \$1.20.

Havana—(Vuelta de Abaja)—Cuban grown. Pkt 10c, oz 50c, 2 oz 90c.

Zimmers' Spanish—One of the most popular, very early, finest quality. Pkt 10c, oz 50c, 2 oz 90c.



Simmers' Selected Stone Tomato

Matchless—This variety is a strong, vigorous grower with thrifty vines which produce large handsome tomatoes most abundantly throughout the season. The fruits are of rich cardinal-red, remarkably solid and smooth, free from core and uniformly of the finest flavor. They are always of the largest size, even late in the season. For tomatoes of large size, smooth, handsome appearance, long keeping qualities, and finest flavor this variety is unsurpassed.

Pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{2}$ lb \$1.00.

New Magnitude—One of the largest sorts in existence and said to be the most prolific. The color is a deep red with no tinge of purple and the flesh is solid and of fine flavor. Said to be free from rot and to be nearly all solid meat; very few seeds. Holds up well when fully ripe and bears continuously until frost.

Pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{2}$ lb \$1.00.

Creekside Glory—Very robust and exceedingly prolific. It carries its fruits in clusters, which are large, round and perfectly smooth and of a deep rich red color. It ripens early, has a most delicious flavor and is a good keeper. Pkt 10c, oz 30c, 2 oz 50c, $\frac{1}{2}$ lb 90c.

Earliana—Earliest smooth, bright red tomato, of large size. Pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{2}$ lb \$1.00.

Enormous—Large smooth bright red tomato. Pkt 5c, oz 30c, 2 oz 50c, $\frac{1}{2}$ lb 90c.

The Stone (Simmers' Selected)—Fruit very large and deep, bright scarlet, smooth, ripening evenly to the stem without a crack, exceedingly solid and firm-fleshed, of the finest quality, the best for family use and for canneries. Pkt 5c, oz 30c, 2 oz 50c, $\frac{1}{2}$ lb 90c.

Table Queen (Simmers' Special)—Perfectly smooth and round; for slicing it is the tomato par excellence, as it is wonderfully solid and contains comparatively few seeds. The color is a rich shade of crimson. Pkt 5c, oz 30c, 2 oz 50c, $\frac{1}{2}$ lb 90c.

Early Ruby or Atlantic Prize—By far the earliest of all the large-size tomatoes, which combine good form, rich crimson color and solidity. Pkt 5c, oz 30c, 2 oz 50c, $\frac{1}{2}$ lb 90c.

Ponderosa—Very large and handsome; color dark crimson. Pkt 5c, oz 30c, 2 oz 55c, $\frac{1}{2}$ lb \$1.00.

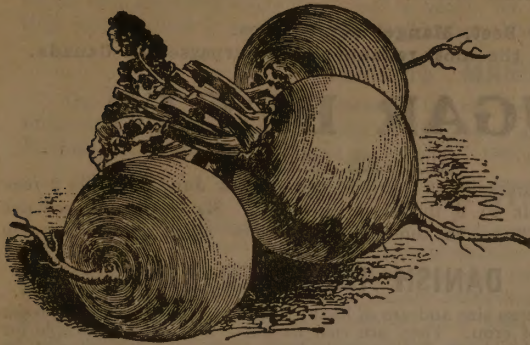
TABLE TURNIPS

German—Weize Ruben.

French—Navet.

(One ounce will sow 100 feet of drill. Two pounds will sow an acre).

For Field Turnips see "Farm Seeds," pages 32 and 33.



Golden Ball Turnip

should always be done just before the rain if possible, as the success of the crop in a great measure depends upon quick germination and a rapid and free growth at first.

SIMMERS' EARLY MELTING SWEDE — An excellent distinct variety, peculiarly suitable for garden culture on account of its flavor, fine form and rich golden yellow color. This variety is claimed by all market gardeners and private gardeners to be the finest grained, best keeping table Swede turnip in cultivation. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 60c.

Extra Early Purple Top Milan — A strap-leaved variety, a week earlier than the ordinary early sorts. It retains its good qualities, and remains a long time fit for use. The bulbs are white with a purple top, round, flattened and solid with a very slender tap root; flesh pure white, sweet and crisp. Pkt 5c, oz 10c, 2 oz 20c, 1 lb 35c, lb 1.20.

Extra Early White Milan — Pkt 5c, oz 10c, 2 oz 20c, 1 lb 35c, lb \$1.00.

White Stone, or Early Snowball — An early garden variety, clear white, medium size, delicate flavor, and quick growth. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 60c.

CULTURE — For early use sow as soon as the ground can be worked in the spring, in drills 15 inches apart and thin to 8 inches apart as soon as plants are large enough to handle. For succession sow at intervals of a fortnight until the last week of July, from which time until the end of August sowings may be made for main and late crops. The sowing



Red Top, Strap-Leaved Turnip

American Breadstone (Swede) — Of medium size, very quick growing and quite smooth. White, with faint colored top, the flesh is perfectly white, fine grained, and cooks in fifteen minutes, tender and sweet. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 60c.

White Flat Dutch — An excellent variety, the best for spring sowing. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 50c.

Early Golden Ball or Orange Jelly — A rapid grower, excellent flavor, globe shape. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 50c.

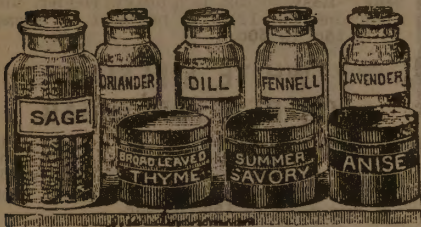
Red Top, Strap-Leaved — Fine grained and of buttery flavor, the best for market gardens. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 70c.

Early White Egg — An egg-shaped variety for spring or fall sowing, flesh white, firm fine grained, mild and sweet. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 60c.

White Nimble Dick — One of the best for market and general use fine flavor and very early. Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c, lb 60c.



Extra Early Purple Top Milan Turnip



HERB SEEDS

(Sweet, Pot and Medicinal)

Anise—Pkt 5c, oz 20c, 1 lb 40c.
 Balm—Pkt 5c, oz 25c, 1 lb 75c.
 Basil Sweet—Pkt 5c, oz 25c, 1 lb 75c.
 Borage—Pkt 5c, oz 25c, 1 lb 75c.
 Caraway—Pkt 5c, oz 10c, 2 oz 15c, 1 lb 25c, lb 75c.
 Catnip or Catmint—Pkt 5c, oz 50c.
 Coriander—Pkt 5c, oz 10c, 2 oz 15c, 1 lb 20c.
 Dill—Pkt 5c, oz 15c, 1 lb 35c, lb \$1.
 Fennel Sweet—Pkt 5c, oz 15c, 1 lb 50c.
 Horehound—Pkt 5c, oz 20c, 1 lb 75c.
 Hop Seed—Pkt 5c.
 Hyssop—Perennial, 2 feet high. Pkt 5c, oz 25c, 1 lb 75c.
 Lavender—An aromatic, medicinal herb. Pkt 5c, oz 15c, 1 lb 50c.
 Broad-leaved Lemon or Winter Thyme—Perennial, 6 inches. Pkt 10c, oz 50c.
 Lovage—Perennial, 5 feet. Pkt 5c, oz 30c, 1 lb \$1.00.
 Mint—Perennial, 4 foot high. Pkt 10c, 1 oz \$3.
 Marjoram Sweet—Pkt 5c, oz 20c, 2 oz 35c, 1 lb 60c, lb \$2.00.
 Peppermint—Pkt 10c.
 Pennyroyal—Pkt 10c.
 Rosemary—Pkt 5c, oz 40c, 2 oz 75c, 1 lb \$1.25.
 Rue—Pkt 5c, oz 20c, 1 lb 60c.
 Rampion—Perennial, 6 inch. Pkt 5c, 1 oz 30c, 1 lb 50c.
 Sage—Pkt 5c, oz 15c, 2 oz 25c, 1 lb 35c, lb \$1.25.
 Sage, Broad-Leaved—Perennial, 1 foot. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.50.
 Sorrell—Perennial, 6 inches. Pkt 5c.
 Summer Savory—Pkt 5c, oz 20c, 2 oz 30c, 1 lb 50c, lb \$1.50.
 Tansy—For medicinal use. Pkt 5c, oz 40c.
 Tarragon—Pkt 10c.
 Thyme—Pkt 5c, oz 35c, 2 oz 60c, 1 lb \$1.00.
 Winter Savory—Pkt 5c, oz 20c.
 Wormwood—Used medicinally, and is beneficial for poultry. Pkt 5c, oz 25c.

WILD RICE SEED

DIRECTIONS FOR SOWING—Put the rice in coarse cotton or linen bags, and sink them in water for 24 hours. Sow in water which is from 6 inches to 5 feet deep, in soft mud bottom, and in places where there are but few weeds. It is useless sowing these seeds except on a mud bottom, or on low marshy places which are covered with water the year round. In running water sow as much out of the current as possible.

Wild Rice (Zizania Aquatica)—Lb 25c, postpaid 30c, 10 lbs or over 20c, per lb, carriage extra.

GERMAN CAMOMILE FLOWERS—Oz. 15c, 2 oz 25c, 1 lb 45c, lb. \$1.50.

BIRD SEEDS AND REQUISITES. (If by Mail add 16c per pound.)

	Per lb		Per lb
Canary Seed (3 lbs 25c).....	10	Iona Seed.....	30
Hemp Seed Russian (3 lb 25c)...	10	Fuller's Teazle, oz 10c, 1 lb 15c, lb 40	
Mixed Bird Seed (3 lbs 25c).....	10	Maw or Poppy Seed.....	30
Millet Seed Chinese.....	5	Lettuce Seed.....	30
Sunflower Seed.....	10	Silver Washed Bird Gravel (3 lbs 10c)	
Parrot Mixture (3 lbs 25c).....	10	Mocking Bird Food.....	50
Cuttlefish Bone (per oz 10c).....	50	Peter's Treat Song Restorer, pkt 10c	
Rape Seed, German (3 lbs 25c)....	10	Bird Lice Destroyer and Bellows....	30
		Simmers' Canary Powder, bottle 25c	

Bird Seeds of all kinds, re-cleaned and free from dust and dirt, always on hand by the 100 lbs at lowest market price, and of the finest quality.

BIRD BOOKS

"American Bird Fancier," a very useful and instructive work on the care of birds, price 50c.
 Cottam's New Illustrated Book on "Cage Birds," 25c, postpaid.
 Brock's Book on Birds, 25c postpaid.

BIRD CAKE

A delicious treat and Song Restorative Food for Canary Birds. This food is prepared with the greatest care, the most delicate and nutritious preparation ever discovered for the longevity of Pet Birds. Our experience in handling restoratives for song birds enables us to recommend this Tonic in the form of food to prolong the life of birds confined in cages. It gives the songster a strong and clear voice, improves the plumage, and will keep birds, although very old, always in health by producing the desired effect on the digestive organs. Give to young, as well as to old birds.

Per cake 5c, 6 for 25c, per doz 50c. If by mail, add at rate of 20c a dozen.



Leaf of Holt's Mammoth Sage

MAMMOTH SAGE PLANTS

The plants are very strong growing, the first season attaining 1 foot in height and spreading so that a single plant covers the space of three feet, the leaves are borne well above the soil, keeping them clean; they are very large and of unusual substance, strong in flavor and of superior quality. A single plant yields more than a dozen plants of the common sage, perfectly hardy it rarely flowers and never runs to seed. Price, each 15c, 2 for 25c, 4 for 50c, postpaid.

Mint Roots—The old fashioned kind. Each 25c, per plant.

FIELD ROOT SEEDS

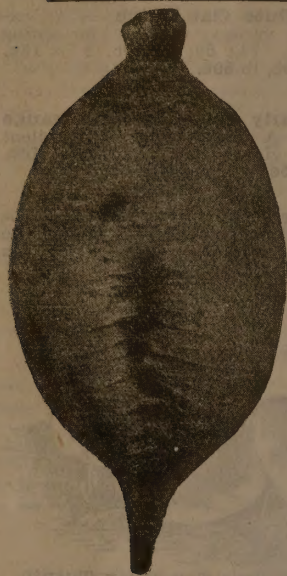
CONDITIONS OF SALE—It is impossible for us to guarantee the crop in any way, as there are so many causes over which we can have no control that operate against the growth and productiveness of seeds. All seeds bought from us must be on the condition that we give no warranty, expressed or implied, as to description, quality, growth, productiveness, or any other matter, of any seeds we sell; nor will we hold ourselves in any way responsible for the crop.

If wanted by mail add 5c per pound postage to all varieties of Field Carrot, Sugar Beet, Mangel and Turnips.

We hold a very large and carefully selected stock of Agricultural Seeds of a quality the most reliable and unsurpassed in Canada.

SUGAR MANGELS

(Almost total failure. We recommend customers to sow thicker.)



Simmers' Giant Sugar Mangel

SIMMERS' "DAIRY QUEEN" SUGAR MANGEL

This variety is a decided improvement on anything we have yet offered in Sugar Mangels. The roots grow very large, of perfect shape and free from prongy roots. It grows but a few inches in the ground, therefore is easily harvested. The skin is red, flesh white, fine grained, solid, very sweet and tender, much relished by all classes of stock. $\frac{1}{4}$ lb 15c, lb. 50c.

SIMMERS' IMPERIAL GIANT HALF-SUGAR BEET

This unites the large size of the Mangel with the greater feeding value of the Sugar Beet. The roots average ten to twelve inches and the outline is that of a broad thick wedge. The upper portion is of a soft bright pink, shading lighter towards the bottom where the lower portion for about one-third is white. The flesh is pure white, firm, crisp, and very sweet. Highly recommended as a most excellent and profitable root to grow for stock feeding. Price— $\frac{1}{4}$ lb 15c, per lb 50c, 4 lbs and over at 48c per lb.

SIMMERS' GIANT SUGAR MANGEL

This is very much superior to the ordinary varieties of Mangel. It is sweeter and as a milk producer and flesh former it has no equal. It is very large and smooth, free from prongy roots. The type is intermediate as illustrated. The color is green and white, blending with compact, upright foliage. The flesh is white, firm and crisp and is appreciated by all classes of stock. It is easily cultivated and harvested, as it grows three-fourths above the ground, and may be readily turned out by a push of the foot. Price— $\frac{1}{4}$ lb 15c, lb 50c, 4 lb and over, 48c lb.

SUGAR BEETS

(Almost total failure)

Sow from the middle of April to the first of June, in drills 2 feet apart, then thin out to 9 inches in the row. Six pounds of seed per acre, average yield 20 to 25 tons per acre. For milch cattle they are valuable.

DANISH IMPROVED

Roots grow to large size and are of heavy weight. Their thick oval form makes a large bulk of crop. They are rich in sugar and most desirable for stock feeding. Bright green foliage with leaf stalks and skin shaded or flushed with pink. Price— $\frac{1}{4}$ lb 15c, lb 50c, 4 lbs. and over 48c per lb.

IMPROVED IMPERIAL

A most popular sugar beet for feeding cows, sheep or swine. Yields as much as most Mangels, and contains 8 per cent. of sugar. Has yielded 30 to 40 tons per acre at a cost of 5 cents per bushel. $\frac{1}{4}$ lb 15c, lb 50c, 4 lbs or over 48c per lb.

VICTRIX, LONG WHITE

This highly developed strain of Sugar Beet is strongly recommended either for feeding or manufacturing purposes. Roots are of medium size, very uniform in type, and exceptionally rich in sugar. $\frac{1}{4}$ lb. 15c., lb. 50c.

WANZLEBEN

In Europe this kind is cultivated on a larger scale than any other Sugar Beet. The root is conical, straight, and even, quite large at the head and rapidly tapering. Easy to dig, is a heavy yielder, and contains from 12 to 15 per cent. of Sugar, $\frac{1}{4}$ lb 15c, lb 50c.

WHITE SILESIAN OR RED TOP SUGAR

The root is slender, being about 3 to 4 inches in diameter at the shoulder, and tapers gradually to a point. Yields nearly 20 tons per acre, containing 8 per cent. of Sugar. $\frac{1}{4}$ lb 15c, lb 50c.



Simmers' Imperial Giant Half-Sugar Beet

FIELD CARROTS

(Almost total failure. We recommend customers to sow thicker)

SIMMERS' IMPROVED GIANT SHORT WHITE

Is of good shape, very broad at the shoulder, tapering to a point; its surface is very smooth, with few or no roots growing in the sides. In texture it is very fine, and in color pure white, with an excellent flavor. These are the individual points of the carrot. In addition it is a very HEAVY CROPPER, in fact it is by far the heaviest of any we have heard of, and on account of its shape and of its smooth skin, it is EASILY HARVESTED. The above is a true description of the carrot we offer as our IMPROVED GIANT SHORT WHITE, and for its own qualities it should be grown by everyone who wants a white field carrot. It is especially suitable for shallow soil. While other varieties require digging, our IMPROVED GIANT SHORT WHITE CAN BE PULLED. Oz 10c, $\frac{1}{4}$ lb 35c, lb \$1.20

LARGE WHITE BELGIAN

This attains the largest size, and will yield more in bulk than any other sort grown. The root is thick and long, growing from $\frac{1}{4}$ to $\frac{1}{2}$ of its length above the surface. Oz 10c, $\frac{1}{4}$ lb 35c, lb \$1.20.



Simmers' Improved Giant Short White Carrot

YELLOW OR ORANGE BELGIAN

This sort is very similar to the White Belgian except in color. Its strong point is its keeping quality—which makes it of special value for late feeding. Oz 10c, $\frac{1}{4}$ lb 35c, lb \$1.20.

IMPROVED LONG ORANGE OR SURREY

A well-known standard late variety. Roots long, thickest near the crown, tapering regularly to a point. Handsome and uniform in shape, color deep orange. It is a good keeper, and of fine quality. Oz 20c, $\frac{1}{4}$ lb 50c, lb \$1.80.

SCARLET INTERMEDIATE

On favorable soils it will grow uniform in shape, and clean and free from side roots. Stump-rooted and especially valuable for shallow soils. Oz 20c, 2 oz 35c, $\frac{1}{4}$ lb 50c, lb \$1.80.

CHICORY

Chicory seed should be sown in the spring in drills half an inch deep, and in good mellow soil; the after culture is the same as the Carrots. In the autumn the plants will be ready for blanching when it is used as a salad. The principal use of Chicory, is to use with Coffee. One ounce of seed will sow about 100 feet of drill, and from 2 to 3 pounds per acre.

LARGE ROOTED LONG MAGDEBURGH

Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c, lb 60c, 4 lbs or over, per lb 50c.

TURNIPS

GROWN FROM 
SELECTED ROOTS

The following are the most popular standard English and other varieties, having for years given the greatest satisfaction to our numerous customers, being procured from the most reliable growers. The SWEDES are sown from May until the middle of July; the ABERDEENS and GLOBES from July to the latter part of August. May be sown in drills or broadcast at the rate of 2 to 4 pounds to the acre.

To the price of Turnip seed, **when wanted by mail add 5c per pound for postage.** Special prices on club orders, farmers' orders, or large orders for any variety of our Turnip Seeds.

SIMMERS' DEFIANCE SWEDE TURNIP

This magnificent variety is unquestionably the most profitable of all bronze-top Swede turnips, as well as the hardiest, heaviest, best shaped and by far the most productive, a yield of 1,000 bushels per acre and over, under careful cultivation, being of frequent occurrence. Bulbs are somewhat oval in shape, slightly oblong and remain sound and good indefinitely. Flesh is of a beautiful yellow color, always sweet, tender, juicy and nutritious, a variety that should be sown in preference to all others. Per $\frac{1}{4}$ pound, 10c; 1 pound, 25c; 4 pounds and over, 22c per pound.



Simmers' Defiance Swede Turnip

UNIVERSAL PURPLE-TOP SWEDE TURNIP

CANADIAN GEM

One of the Best Purple-Top Swedes for all Soils
Resists Drought and Mildew

A magnificent new variety of exceedingly hardy constitution, standing well during severe weather, and keeping sound and good until very late in the spring, when many other varieties have failed. The root is well shown in our illustration, stands high out of the ground, and is of handsome appearance. The yellow flesh is solid, of rich quality, and much appreciated by all classes of stock. Growing but a small top with its uniformly shaped root it will stand somewhat thicker in the rows than most Swedes, when a very heavy weight per acre can be grown.



Universal Purple-Top Swede Turnip

Price per $\frac{1}{4}$ pound, 10c; per pound, 30c; 4 pounds or over at 25c per pound.

SIMMERS' "DERBY" SWEDE

BRONZE GREEN TOP

We have no hesitation in recommending this variety as the hardiest and most productive of its class. The roots are very uniform in size and shape, the flesh very sweet and juicy; making it a splendid variety for table use as well as for feeding. Being very solid it stands handling, and is an excellent keeper. $\frac{1}{4}$ pound, 10c; per pound 35c.



Simmers' Derby Swede Turnip

ELEPHANT, MONARCH, OR JUMBO

The reports received during past years from all sections of Canada pronounce this Turnip to be unequalled in size, quality and uniformly handsome appearance. The yield compared with other well-known roots has been from 2 to 6 tons more per acre. In shape it is very distinct, being of the tankard type. The crown of the bulb is a beautiful bright purple and the lower half deep yellow; the flesh is very solid and nutritious, and there is an almost total absence of fibrous or fangy roots. During the past season this variety has proven most satisfactory, so much so that we have every confidence in recommending Elephant or Monarch Swede to the farmers of the Dominion. Per $\frac{1}{4}$ pound, 10c; per pound, 30c; 4 pounds or over, 25c per pound.



Elephant or Monarch
(Jumbo) Swede

SWEDE TURNIPS

SELECTED STOCKS OF STANDARD SORTS

To the price of Turnip Seed, WHEN WANTED BY MAIL, ADD 5c. PER POUND FOR POSTAGE. Special prices on club orders, farmers' orders, or large orders for any variety of our Turnip Seeds.



SIMMERS' CHAMPION PURPLE TOP

This magnificent Swede, the result of judicious selection, is the hardest most productive and most nutritious purple top variety in cultivation. It is a large, yellow, slightly oblong, with single tap-root, free from coarseness of neck, and for uniformity of crop and keeping qualities is superior to all other Swedes, it produces a very heavy weight per acre, keeps sound and good until late in spring; flesh always rich and sweet in flavor. Per $\frac{1}{4}$ lb 10c, 1b 25c, 4 lbs and over 22c per lb.

BANGHOLM IMPROVED PURPLE TOP

Large and solid, should be sown on rather heavy loam. Per $\frac{1}{4}$ lb 10c, 1b 20c, 4 lbs or over 17c per lb.

KANGAROO SWEDE TURNIP



Kangaroo Swede Turnip

A very hardy Swede similar in size and growth to Elephant, color a bronze-green.

This Swede is particularly adapted to soils and districts that are cold and backward.

This splendid hardy Swede possesses the heavy cropping features of the famous Elephant or Monarch, with the grand constitution of the best types of bronze-green top Swedes, and is increasing in popularity each year, particularly in those districts where the land lies exposed and is consequently cold and backward. It has been largely grown in the lower provinces of Canada, where it has produced the heaviest crops ever known in that section of the country.

Price per $\frac{1}{4}$ pound, 10c; per pound, 25c; 4 pounds or over at 22c per pound.

CARTER'S IMPERIAL

On properly prepared ground never failing to produce a heavy crop of well-shaped solid roots. 10c 25c 22c

HARTLEY'S BRONZE TOP

Oval-shaped bulbs, large and solid, small neck and single tap-root, rich in quality, productive, and good keeper. 10 25 22

HAZZARD'S GREEN TOP

Distinct variety, the flesh is firm and white, its hardy keeping qualities are superior to most sorts, and adapted to either field or garden cultivation .. 10 30 25

MAGNUM BONUM

4 lbs or over
1 lb. 1b 22

This purple top Swede has given the greatest yield per acre among many varieties. It is very hardy, of fine shape, and an excellent cropper. 10 30 25

HALL'S WESTBURY

A very fine quality of Swede, good keeper. 10 22 20

LAING'S IMPROVED PURPLE TOP

A globe-shaped variety, with small top and tap-root, suitable for sandy ground. 10 25 22

SUTTON'S CHAMPION PURPLE TOP

One of the heaviest yielding varieties and a general favorite. 10 22 20

SCOTTISH CHAMPION

Fine large roots, good for heavy soils. Color distinct bronze on top. Provides rich feeding. 10 25 22

WHITE GIANT PURPLE TOP

A quite distinct sort of enormous size, preferred by many growers to the yellow varieties. 10 25 22



Greystone Turnip

YELLOW AND WHITE TURNIPS

(For Sowing after the Swedes)

Aberdeen Purple Top Yellow 10 25 22

Aberdeen Green Top Yellow
—With green tops 10 25 22

White Globe—For sowing after the Aberdeen, late as August. 10 30 25

Cow Horn—Long, White, in shape resembling a cow-horn. 15 50 45

Improved Purple Top Mammoth—A variety producing a greater weight per acre than any other turnip, fine shape, excellent for early feeding, keeps well in winter if sown late. 10 30 25

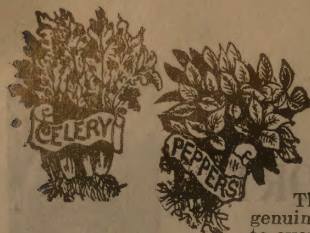
Greystone—A white variety, sown as late as the preceding. 10 30 25



SPECIAL OFFER No. 16

Imperial Giant Half Sugar Beet
Universal Purple Top Swede Turnip
Kangaroo Swede Turnip

One quarter pound each 40c, one-half pound each 60c, one pound each \$1.15, postpaid.



VEGETABLE PLANTS

WELL GROWN, THOROUGHLY HARDENED,

WELL PACKED, TRUE TO NAME

By Mail or Express

All Plants Sent at Purchaser's Risk

Prices are subject to Change

The fact that these plants are all grown from the choicest stocks of seed is sufficient recommendation as to the genuineness of the varieties. They can be shipped fresh and well packed at a day's notice. This is of the greatest importance to every planter.

When plants are to be sent by mail add postage at the rate of Twenty-Five Cents per One Hundred to prices of Cabbage, Celery and Cauliflower, and Forty Cents per One Hundred to prices of Tomatoes.

	per 50	per 100		per 50	per 100		per 12	per 50	per 100
Cabbage, Early —Ready April 20th to 30th. Early Jersey Wakefield	\$0 30	\$0 50	Cauliflower —Ready April 20th to 30th	\$0 40	\$0 75	Celery —Ready June 20th.			
Simmers' German Brunswick	30	50	Early Dwarf Erfurt	40	75	Paris Golden Yellow	\$	\$0 40	\$0 75
Henderson's Early Summer	30	50	Early Snowball	40	75	White Plume		40	75
Cabbage, Late —Ready June 1st.			Cauliflower —Ready May 20th to 30th.	30	50	Simmers Large Ribbed White		40	75
Simmers' German Brunswick	20	30	Early Snowball	30	50	Pepper —Long Red	15	50	90
Surehead	20	30	Dwarf Erfurt	30	50	Tomato —Ready May 15th to 20th			
Savoy Drumhead	20	30	Celery —Ready June 1st.			The Stone		50	60
Red Drumhead	20	30	White plume	40	75	Plentiful		50	90
			Paris Golden Yellow	40	75	Dwarf Champion	15	50	90
						Early Ruby	15	50	90

We will be pleased to make special prices on larger quantities.

TREE SEEDS

Deciduous and Evergreen; Ornamental, Shade, Forest, Hedge and Fruit.

"Trees can be as easily grown from seed as the most common vegetable."—Fuller

Apple Pips—Per oz 10c, $\frac{1}{4}$ lb 25c, lb 70c.

Arbor Vitæ, American (Thuya Occidentalis)—A small tree about 30 feet high; popular for hedges, screens, etc. Pkt 10c, oz 40c, lb \$4.50.

Beech (Fagus Ferruginea)—A noble forest and shade tree of graceful habit. Wood hard and excellent for many mechanical purposes. Pkt 10c, oz 15c, lb \$1.50.

Black Thorn (Prunus Spinosa)—Pkt 5c, oz 10c, $\frac{1}{4}$ lb 30c, lb \$1.

Black Walnut (Juglans Nigra)—Grows rapidly in good rich soil. The nuts should be planted in the fall. Lb 10c, postpaid 15c. peck 60c, bush \$2.00.

Caragana Arborescens (Siberian Pea Bush)—A hardy and very ornamental hedge plant, grown extensively in the Northwest. Pkt 5c, oz 25c, $\frac{1}{4}$ lb 60c, lb \$2.25.

Catalpa, Hardy Western (Catalpa Speciosa)—A handsome shade and ornamental tree of tropical appearance. Foliage large and luxuriant. Flowers borne in large panicles late in the

spring. In favorable locations it attains a height of 60 feet or more, it is a very rapid grower, is very hardy and has been tested up to 40 degrees north latitude. Wood very durable. Valuable tree. Per oz 20c, $\frac{1}{4}$ lb 75c.

Honey Locust (Gleditschia)—A well-known tree of ornamental and graceful appearance, extensively used for hedges. Pkt 5c, oz 10c, $\frac{1}{4}$ lb 20c, lb 60c.

Maple Sugar (Acer Saccharinum)—A beautiful as well as a valuable rapid growing tree, preferring a calcareous soil. Pkt 5c, oz 15c, $\frac{1}{4}$ lb 50c, lb \$1.75.



Maple Manitoba—Quick growing, makes excellent wind break. Pkt 5c, oz 15c, $\frac{1}{4}$ lb 40c.

Mountain Ash (Pyrus Americanus)—Much cultivated for ornament for which its fine foliage, clusters of white flowers and red berries eminently qualify it. Pkt 10c, oz 15c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Spruce, Norway (Picea Excelsa)—A very popular hedge evergreen, extensively used for sheltering and for screens. Pkt 5c, oz 10c, lb \$1.

Osage Orange (Maclura Aurantiaca)—A well-known hedge plant, native of the Southern States. Pkt 5c, oz 10c, $\frac{1}{4}$ lb 25c, lb \$1.20.

Pear Seed—Pkt 10c, oz 20c, $\frac{1}{4}$ lb 50c, lb \$1.70.

Pine Austrian (Pinus Austriaca)—One of the most popular pines, being very hardy and ornamental. Grows very rapidly and to a great height. Pkt 5c, oz 15c, $\frac{1}{4}$ lb 40c, lb \$1.50.

Pine Scotch (Pinus Sylvestris)—One of the most rapidly growing species of pines, very suitable for screens for the protection of orchards or buildings. Pkt 5c, oz 25c, $\frac{1}{4}$ lb 60c, lb \$2.25.

Pine, Sugar (Pinus Lambertiana)—This magnificent tree grows to the height of 300 feet, and endures the cold of the North-West without injury. Pkt 10c, oz 30c, $\frac{1}{4}$ lb \$1.00.

Quince (Cydonia Vulgaris)—Small irregular trees, bearing an excellent fruit for preserve and jellies. Pkt 5c, oz 20c, $\frac{1}{4}$ lb 50c, lb \$1.50.

Russian Mulberry—A variety of Mulberry brought by the Mennonites from Russia, and as it grows to the height of 30 feet in a few years, and stands the cold of the North-West, will no doubt become a standard for that country. Pkt 10c, oz 50c.

Collection of Tree Seeds for 40c.

One packet of each of Black Thorn, Honey Locust, Sugar Maple, Mountain Ash, Norway Spruce, Austrian Pine, Russian Mulberry—7 packets for 40c, by mail, postpaid.

RELIABLE TABLE SHOWING THE QUANTITY OF SEED USUALLY SOWN UPON AN ACRE

Seeds	pounds per bushel.	Seeds	pounds per bushel.	Seeds	pounds per bushel	Seeds	pounds per bushel
Barley, broadcast, 48.	1 $\frac{1}{2}$ to 2 bus.	Clover, Lucerne or Alfalfa,	60.	Lawn Grass, 15.	4 bus.	Radish in drills.	8 to 10 lbs
Beans, dwarf, in drills, 60.	10 to 12 qts.	Corn in hills.	12 to 15 lbs.	Melon, Musk, in hills.	2 to 3 lbs.	Rye, broadcast, 56.	1 to 1 $\frac{1}{2}$ bus.
Beans, Pole, in hills, 60.	10 to 12 qts.	Corn in hills.	10 to 20 lbs.	Melon, Water, in hills.	2 to 3 lbs.	Spinach, in drills.	10 to 12 lbs.
Beets, Table, in drills.	6 lbs.	Corn, for fodder, 56.	3 bus.	Millet, 48.	1 bus.	Squash bush varieties in	
Beets, Mangel-Wurzel.	5 lbs.	Cucumber, in hills.	2 lbs.	Oats, broadcast, 34.	2 to 3 bus.	hills.	5 to 6 lbs.
Buckwheat, 48.	1 bus.	Flax, broadcast, 56.	1 to 1 $\frac{1}{2}$ bus.	Onions in drills.	4 to 5 lbs.	Squash, running varieties	
Cabbage in beds to trans-		Grass, Kentucky Blue, 14 1 to 1 $\frac{1}{2}$ bus.		Onion, for sets in drills.	50 lbs.	in hills.	3 to 4 lbs.
plant.	$\frac{1}{4}$ lb.	Grass, Orchard, 14.	1 to 1 $\frac{1}{2}$ bus.	Onion, sets in drills.	8 to 12 bus.	Tomato, to transplant.	1 lb.
Carrot, in drills.	2 to 3 lbs.	Grass, English Rye, 14.	1 to 1 $\frac{1}{2}$ bus.	Parsnip, in drills.	5 to 6 lbs.	Turnip, in drills.	2 lbs.
Clover, red, 60.	12 to 15 lbs.	Grass, Red Top, 14.	1 to 1 $\frac{1}{2}$ bus.	Peas, in drills, 60.	2 to 3 bus.	Vetches, broadcast, 60.	1 bus.
Clover, white, 60.	6 to 8 lbs.	Grass, Timothy, 48.	12 to 15 lbs.	Potatoes, cut tubers, 60.	8 bus.	Wheat, in drills, 60.	1 $\frac{1}{2}$ to 1 $\frac{1}{4}$ bus
Clover, Alsike, 60.	8 to 10 lbs.	Grass, Hungarian, 48.	$\frac{1}{2}$ to 1 bus.	Pumpkins in hills.	1 $\frac{1}{2}$ to 2 lbs.		

QUANTITY OF SEED REQUIRED FOR A SPECIFIED LENGTH OF DRILL

Asparagus.	1 oz.—60 ft. of drill.	Carrot.	1 oz.—150 ft. of drill.	Onion.	1 oz.—100 ft. of drill.	Radish.	1 oz.—100 ft. of drill.
Beet.	1 oz.—50 ft. of drill.	Cucumber.	1 oz.—50 hills.	Onion Sets.	1 qt.—40 ft. of drill.	Salsify.	1 oz.—50 ft. of drill.
Beans, Dwarf.	1 qt.—100 ft. of drill.	Corn.	1 lb.—100 hills.	Parsley.	1 oz.—125 ft. of drill.	Spinach.	1 oz.—100 ft. of drill.
Beans, Pole.	1 qt.—150 hills.	Leek.	1 oz.—100 ft. of drill.	Parsnip.	1 oz.—150 ft. of drill.	Squash, Early.	1 oz.—50 hills.
Cabbage.	1 oz.—2,000 plants.	Lettuce.	1 oz.—150 ft.	Peas.	1 qt.—100 ft. of drill.	Squash, Marrow.	1 oz.—20 hills.
Cauliflower.	1 oz.—2,000 plants.	Melon, Water.	1 oz.—30 hills.	Pepper.	1 oz.—1,000 plants.	Tomato.	1 oz.—1,500 plants.
Celery.	1 oz.—4,000 plants.	Melon, Musk.	1 oz.—50 hills.	Pumpkin.	1 oz.—20 hills.	Turnip.	1 oz.—150 ft. of drill.

When ordering Seed grain do not forget to include the price of Bags.

Cotton bags 25c each. Linen Bags 10c each.
Prices on all Farm Seeds subject to change without notice.

BARLEY

O. A. C. No. 21—This new variety may be called an improved form of Mandscheuri, and is the result of careful selection, extending over a period of about 5 years. Wherever it has been tried it has been found to give a greater yield than Mandscheuri, both of grain and straw, and is practically free from rust. Peck 40c, bush \$1.60.

"Ideal" White Hulless—It is hulless, beardless, early, weighs over 60 lbs to the measured bushel, it yields well on poor land, yields enormously on good land, makes better pork than corn, makes excellent flour, the straw makes good hay, it is of inestimable value to everyone who feeds stock. Per lb (postpaid) 20c, 3 lbs (postpaid) 50c, 10 lbs 75c, 50 lbs \$3.50, 100 lbs \$6.50.

Mandscheuri, Six-Rowed—Ontario Agricultural College report says:—"Among 37 varieties of barley grown for the past five years, Mandscheuri stands at the head of the list for yield." Bush \$1.50.

Canadian Six-Rowed—Per bush \$1.50.
Duckbill Two-Rowed—Per bush \$1.60.

BUCKWHEAT

Japanese—1 lb 15c, 3 lbs 40c (postpaid), peck 40c, bush \$1.40.

Silver Hull—1 lb 15c, 3 lbs 40c, (postpaid) peck 35c, bush \$1.20.

Common Grey—Per peck 30c, bush \$1.10.

BEANS

The Prolific Dwarf Tree—White. Per lb 10c, peck 70c, bush \$3.00.

California Pea—Yellow, very productive. Per lb 10c, peck 80c, bush \$3.00.

Postage 5c per lb. extra.

FLAX SEED

For sowing, \$3.50 per bush of 56 pounds.

Specially screened for medicinal purposes. Per lb 10c, 5 lbs 40c, 10 lbs 75c. Postage 5c lb extra.

PEAS

Early Brittany—A brownish colored pea of medium size. Straw of fair length and good quality. The heaviest yielding field pea. Price per lb 15c, 3 lbs 40c, postpaid; peck 60c, bush \$2.20.

Grass Peas—The Grass Pea will effectually resist the bug while for seeding it is claimed to equal the ordinary varieties. Lb 20c, 3 lbs 55c, (postpaid) peck 70c; bush \$2.50.

Gipsy (Egyptian Peas)—A great yielding bug proof pea; plant upright, branching, and covered with balloon-like pods; each pod contains at least one pea of large size; lb 15c postpaid; peck \$1.00, bush \$3.80.

Canadian Beauty—A variety of White Marrow which in most sections has given splendid results. The seed is large, and of bright color, straw strong. An enormous yield, and one of the most profitable sorts grown. Per 1 lb 15c, 3 lb 40c, postpaid, peck 65c, bush \$2.40.

Multiplier—A fine white Pea, which matures a few days earlier than the Golden Vine. It is much more productive than any of our common field varieties. Peck 60c, bush \$2.20.

Also the following varieties of Peas:—**Golden Vine, White Marrow-fat, Black-eyed Marrow-fat, Prussian Blue.** Price on application.



THOUSAND-HEADED KALE

Profitable to Sheep Raisers—2 acres will feed and fatten 50 sheep

Just the thing for sheep, for cattle, for hogs, for poultry, in fact for any animal that will eat green feed.

Thousand Headed Kale is now being grown in larger quantities than Rape in England. The seed can be sown early in April or any time thereafter until midsummer. The plants grow to a height of 3 to 4 feet, and are so covered with small whorls of leaves that the name Thousand-Headed Kale has been given it. It will yield a larger crop than the Dwarf Essex Rape, as it branches out from the bottom and grows very rapidly. It is greatly relished by hogs, cattle and sheep. The plant is not affected by drought and flourishes in all kinds of soil. In England this seed is being sown broadcast on pastures with grass seeds, using about one pound of seed per acre, though if sown alone it should have about 3 pounds per acre.

1 lb 10c, lb 30c, postpaid 35c; 10 lbs and over 27c lb, 50 lbs, at 25c lb.; by express or freight at purchaser's expense.

SPRING RYE

Distinct from the winter rye; grain of finer quality, and more productive; can be successfully grown in any latitude, and is now being largely sown in place of oats, being a much more profitable crop, on account of the production of nearly four times the straw, and also as "catch" crop where winter grain has failed. The straw is equally as valuable as that of the fall or winter rye, standing stiff 7 to 8 feet high; produces 30 to 40 bushels of grain per acre. As it does not stool like winter rye, not less than two bushels per acre should be sown. Lb 15c, postpaid; peck 60c, bush \$2.00.

TARES OR VETCHES

For Spring Sowing—Grown for a forage crop. They can be cheaply raised; fed green, cured or ensilaged. They are sown at the rate of one-half bushel to the acre, with about one-quarter bushel oats to hold them up. Peck 75c, bush \$2.50.

SPELTZ OR EMMER

Claimed to yield 80 to 100 bushels of richer food than corn, besides giving as much as 4 tons of good hay per acre. Speltz is best described as a combination of Wheat, Rye and Barley, and for fattening Cattle, Poultry, Horses, Sheep, Pigs, etc., is equal to other grains.

CULTURE—Prepare your land as you would for wheat or oats, and sow at the rate of 75 to 100 lbs to the acre. Cut when the grain is past the middle stages of milk, when it will make splendid grain and lots of straw hay of excellent quality. Thresh like wheat, only not so closely. The hull and kernel can then be fed or first ground.

PRICE—Lb 15c, 3 lbs 40c, by mail (postpaid); per peck 45c, bush of 40 lbs \$1.60.

SPRING WHEAT

Sow from 1½ to 1½ bushels per acre.)

Wild Goose (Bearded)—The Wild Goose stands at the head of the list in yield of grain per acre, has given the largest average yield per acre of all varieties for several years in succession, bearded head, with white chaff, straw stiff, grain hard and flinty.

Price per lb. 15c, 4 lbs. 50c, postpaid; peck 50c, bush \$1.70.

White Russian—This variety has been sown for a number of years, and invariably turns out a first-class crop. It has a bald head of good length, good stiff straw, stands up well; full, plump berry, flinty and of good color.

Price per lb. 15c, 4 lbs. 50c, postpaid; peck 50c, bush \$1.70.

WINTER WHEAT, FALL RYE

season. Prices on application.

We carry the leading varieties of Winter Wheats, Fall Rye in



White Hulless
Barley



Canadian Beauty Pea

We do not pay Freight on Seed Grain.

When Customers do not remit for bags, the value will be deducted.

SEED OATS



NEW STIRLING

This fine and very productive variety has been thoroughly tested in different sections, with most excellent results. We have secured a considerable quantity of the seed and offer it to our customers with all confidence, knowing that it will prove one of the best, if not the best variety we have ever introduced.

It is a side Oat, growing a long stiff straw, and, under favorable conditions, yielding 75 to 100 bus. per acre. The grain is white, with thin hull and is valuable not only for feeding, but also for milling purposes.

To all who are looking for a thoroughly good Oat we recommend the New Stirling.

Per lb 20c, 3 lbs 50c, postpaid; peck 40c, bushel \$1.50, 2 bushels \$2.90, 5 bushels \$7.00.

SHEFFIELD STANDARD

We have secured a splendid stock of this valuable oat and again offer it to our friends. We say again that we have never seen its equal and that it is without doubt, the heaviest cropping and handsomest oat ever introduced.

Price—Lb 20c, 3 lbs 50c, postpaid; peck 40c, bushel \$1.50, 2 bushels \$2.90, 5 bushels \$7.00, bags included, by express or freight at purchaser's expense.

PRICES FOR BAGS

When bags are required for filling orders, they will be supplied at the following prices, which should be remitted with the amount of order.

- 1½ bushels, Jute bags, each 10c.
- 2 bushel, Cotton Seamless, each 25c.

For prices of Clover and Timothy Seeds, Oil Cake, etc., in quantities, write for prices.

STOCK FOOD

- Dr. Hess' Stock Food—7 lb bags 65c, 12 lb bags \$1.00, 25 lb pails \$2.00.
- Pratt's Animal Regulator—21 oz pkg 25c (postpaid 50c), 42 oz box 50c, 72 oz 75c, 12 lb pail \$2.00, 25 lb pail \$3.50.
- Herbageum—4 lb pkg 50c, 100 lbs \$12.00.

FEED STUFFS

Flax Seed for feeding.....	50 lbs	\$3 10	100 lbs	\$6 00
Flax Seed Meal or Linseed Meal.....	"	3 10	"	6 00
Oil Cake, fine ground.....	"	1 35	"	2 50
Oil Cake, nutted.....	"	1 35	"	2 50
Rock Salt.....	Per ton	\$15.00	"	0 40

BUMPER KING

This is a branching or tree variety of exceptional merit. The grain is very large, plump, with a very thin hull, and is unsurpassed for either milling or feeding. The straw, which grows about 4 ft. high, is stiff and of good substance. The most important feature, however, in this, as in any other variety, is the enormous yield which it produces, 75 bus. per acre being a fair average when grown on fairly good soil.

Price per pound, 20c, 3 pounds 50c, postpaid; peck 40c, bush \$1.50, 2 bush \$2.90.

REGENERATED ABUNDANCE

A superior white variety, from 8 to 12 days earlier than most other varieties, with strong, stiff straw—an abundant yielder. Per lb 20c, 3 lbs 50c, postpaid; peck 40c, bushel \$1.50, 2 bushels \$2.90, 5 bushels \$7.00.

MAMMOTH CLUSTER

A splendid heavy yielding white variety which is seldom affected by blight or rust. The grain is very large, plump, with thin hull, weighing 40 to 45 lbs. per measured bushel. Heads branching. Price per pound 20c, 3 pounds 50c, postpaid; peck 40c, bush \$1.50, 2 bush \$2.90.

SENSATION

A white Oat of excellent quality both for milling and feeding purposes, the grain being of large size with remarkably thin hull. It stools out well and the straw is very strong and not inclined to lodge. Price per lb 15c, 3 lbs 40c, postpaid; by express or freight—Peck 35c, bush \$1.20, 2 bush \$2.40.

STANDARD VARIETIES

"Tartar King"—A standard white side oat. Lb 15c, 3 lbs 40c, postpaid; peck 35c, bush \$1.20, 2 bush \$2.40.

The "Newmarket"—Price per lb 15c, 3 lbs 40c, postpaid; peck 35c, bush \$1.20, 2 bush \$2.40.

Improved Black Tartarian—Grown from imported seed. Lb 15c, 3 lbs 40c, postpaid; peck 35c, bush \$1.20, 2 bush \$2.40.

Imported Black Tartarian—The stock we offer was grown in East Lothian, Scotland, and is of excellent quality. Per lb 20c, 3 lbs 50c, postpaid; peck 60c, bush \$2.00.

NOTE—The prices of Oats and Wheat are those current at the time of issue of this Catalogue, January 1st. They are subject to change without notice.

BLATCHFORD'S CALF MEAL

The perfect Milk Substitute for raising Calves, 100 lbs of it make 100 gallons of Rich Nutritious Gruel. Calves can be raised on it alone without milk at all after they are a few days old and this can be done with no other milk substitute. Used with Separator Milk or Skim Milk it replaces the Butter Fats in same and makes them as nutritious as new milk. Even when whole milk is used, the feeding of Blatchford's Calf Meal with the milk builds up much finer, bigger and sturdier Calves in about half the usual time. 25 lbs \$1.10, 50 lbs \$2.00, 100 lbs \$3.75.

BLATCHFORD'S SUGAR AND FLAX

Is one of the finest Natural Foods in the world for Horses, Cattle, Sheep and Hogs. Composed entirely of the three great elements necessary for profitable and healthy feeding, viz., Oil, Sugar and Protein combined in the correct proportions and most digestible form, with the addition of those best, well known and well recognized Horse and Cattle Tonics, Pure Gentian, Foenugreek, and Anise, that long experience has shown to have such excellent effects upon the appetite, digestion and condition of all domestic animals. Mixed with the ordinary food, Blatchford's Sugar and Flax Seed permanently cleanses the system, purifies the blood, increases the appetite, regulates the bowels, improves the coat and keeps the animals in the very pink of condition. 20 lbs 90c.; 50 lbs \$2.10; 100 lbs \$4.00.

FODDER OR ENSILAGE CORN

These prices are subject to change without notice, and are net cash. Send for Special Quotations of Seed Grain, Clovers and Grasses.

When ordering Corn do not forget to include price of bags.

Cotton bags 25c each; Linen bags 10c each.

DENT VARIETIES

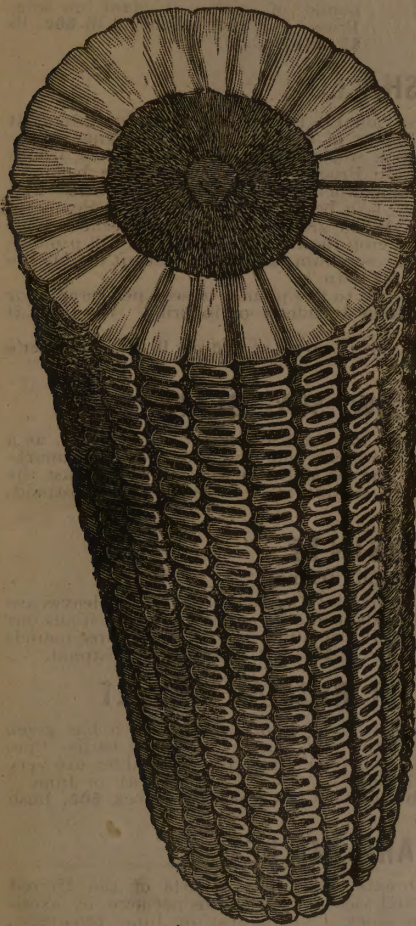
SIMMERS' EARLIEST RIPE If you plant this early you will have fine feeding corn by July, when you can replant same and have good Fodder Corn in September. This corn will ripen out ears inside of 60 days after planting, and usually from 2 to 3 ears on the stalk. The foliage is about 6 feet high, very leafy and bushy, and contains a tremendous amount of nutritious matter. Lb 15c, 2 lbs 25c, postpaid; by express or freight, peck 50c, bush \$1.80.

STOWELL'S EVERGREEN ENSILAGE

For Green Fodder—There is nothing better for early fall green feed or for curing for winter than sweet corn. It has the great merit of being so sweet and palatable that cattle eat every part of stalks and leaves, and consequently none is wasted. Lb 20c, 3 lbs 50c, postpaid; peck 75c, bush \$2.80.

SHAKER'S EARLY

Its appearance is distinct, being half yellow dent, the kernels are very broad and of a extremely rich golden color. It grows 7 to 8 feet high, ears of good size, eight rowed with small cob. lb 15c, 3 lb 40c, postpaid, peck 50c, bush \$1.80.



WHITE CAP YELLOW

This corn is the best early for ensilage yet produced. Large, heavy stalks and ears. This variety has more genuine merit, more fine and lasting points than any corn in cultivation. It is from 7 to 10 days earlier than many other varieties, and on poor, thin soil, will outyield the Leaming by at least 30 per cent. The originator claims it has more testimonials for earliness, easy shelling, productiveness, beauty, growing-strength-fodder and all round qualities than any other variety. 2 lbs 25c, postpaid; peck 40c, bush \$1.50.

THE EARLY MASTODON

Claimed to produce the longest grains and longest ears of any 100-day corn in cultivation, with most extraordinary, yielding qualities. It grows quick, and strong. 2 lbs 25c, postpaid; peck 40c, bush \$1.50.

WISCONSIN YELLOW

This variety is in every way one of the most desirable. Average weight of ears 9 to 10 ounces, with many rows, there being generally from 18 to 20 and often as high as 21 rows of kernels of a bright yellow color, cob red, 2 lbs 25c, postpaid; peck 40c, bush \$1.50.

WISCONSIN WHITE

Ears average 16 rows, grains extra long and wide, 2 of which will span the cob, and is generally white. The stalk is short and thick, with ears set low; roots deep, easily withstanding severe storms and droughts. 2 lbs 25c, postpaid; peck 40c, bush \$1.50.

CHESTER COUNTY MAMMOTH

(White). It yields under good cultivation, from one hundred to one hundred and thirty bushels shelled corn per acre. Ears are very large. It furnishes a large amount of fodder, growing 12 to 16 feet high. 2 lbs 25c, postpaid; peck 40c, bush \$1.40.

MAMMOTH CUBAN YELLOW The grains are pure yellow and very large, broad and long. The fodder grows on stalks in great quantities and of the finest flavor. As sweet and tender as sugar corn. 2 lbs 25c, postpaid; peck 40c, bush \$1.40.

EARLY BUTLER This is without doubt one of the earliest Dent Corns. It is a cross from Pride of the North, grows good sized ears with long grains and a very small cob, corn of a beautiful golden yellow color. The Butler is adapted for high latitudes, and will mature further north than any other variety. It grows strong and very quickly. 2 lbs 25c, postpaid. By express or freight, peck 40c, bush \$1.40.

SIMMERS' PARAGON WHITE ENSILAGE—This superior ensilage corn we can recommend from experience as being the heaviest cropping variety in cultivation, producing 50 to 75 tons per acre. It grows 13 to 14 feet in height. Peck 35c, bush \$1.30.

RED COB ENSILAGE—So called owing to its cob being quite red; the kernel is perfectly white, resembling very closely the ordinary Horse-Tooth Corn. Peck 35c, bush \$1.30.

MAMMOTH SOUTHERN SWEET ENSILAGE—White—Peck 35c, bush \$1.30.

YELLOW HORSE-TOOTH OR GOLDEN BEAUTY—Peck 35c, bush \$1.30.

PRIDE OF THE NORTH—(Early Golden Dent Corn)—Very early. The stalks usually grow from 8 to 10 feet in length, and produce from one to three good ears. Peck 35c, bush \$1.35.

LEAMING CORN—Yellow—Always two good ears to each stalk. It withstands severe drought by reason of its earliness in maturing, strong and vigorous growth, and its stalky and leafy nature. Per peck 35c, bush \$1.35.

FLINT VARIETIES

MAMMOTH 8-ROWED YELLOW—It is entirely distinct, being as described, the Mammoth 8-rowed Yellow Corn, a great improvement on the old yellow Canada Corn, 8 rowed, which is the general corn used by farmers for feeding purposes. The ears, when harvested, are long and well filled with corn which is double the size of the ordinary yellow Canada corn or the Compton Early Yellow. 2 lbs 25c, postpaid, peck 45c, bush \$1.70.

FARMERS' SURPRISE

Undoubtedly the earliest 8-rowed variety yet produced. The ears are long and freely borne on stalks, which are very heavy and leafy. Farmers' Surprise can be grown and ripened in districts where heretofore a corn crop has been uncertain. 2 lbs 25c, postpaid; peck 45c, bush \$1.60.

COMPTON EARLY YELLOW

—The productiveness of the Compton is remarkable with more rows to cob than any other Flint corn. The grains are very small, round and heavy. It is very hardy, and sure to grow and produce a crop 8 to 10 feet. 2 lbs 25c, postpaid; peck 45c, bush \$1.60.

SALZERS' NORTH DAKOTA WHITE FLINT

A grand variety, matures early, yields enormously, produces a larger number of good ears and a smaller number of poor ears than any other variety. 2 lbs 25c, postpaid; peck 45c, bush \$1.60.

EARLY YELLOW CANADA

The earliest yellow for field or table use, 2 lbs 25c, postpaid; pk 45c, bush \$1.60.

ANGEL OF MIDNIGHT

(One hundred day)—An extra early 8-rowed yellow Flint variety. 2 lbs 25c, postpaid, peck 45c, bush \$1.60.

LONGFELLOW

An 8-rowed yellow Flint variety, with ears 15 to 20 inches long, cob small, kernels quite broad. 2 lbs 25c, postpaid, peck 45c, bush \$1.60.

EARLY WHITE FLINT

Very desirable for table use. 2 lbs 25c, postpaid; peck 45c, bush \$1.60.

KING PHILIP

(Reddish Flint)—One of the oldest and best known of the Flint varieties. 2 lbs 25c, postpaid; peck 45c, bush \$1.60.



BROOM CORN, IMPROVED EVERGREEN.

This is the most popular variety of broom corn to grow for the market, the brush being firm and of good length and retaining the light green color when properly cured. Per pkt 5c, lb 15c, 3 lbs 40c, postpaid.

FORAGE PLANTS



SOWING RAPE (1 to 2 lbs. per acre in drills; 4 to 6 pounds broadcast.)

Rape may be sown either in rows or drills and cultivated or may be sown broadcast. When sown in rows the plant will grow much stronger and more luxuriant in foliage, and will also stand longer feeding, it is less liable to be tramped down. It may be sown in May, and when it is sufficiently advanced it can be fed off, and then allowed to grow up again, thus giving a second crop the same season; but the usual time for sowing is the last half of June until end of July, and it has been sown towards the end of August with success. The cultivation of Rape should commence as soon as it is well started, and with repeated cultivation until the leaves become too large to work between the rows. Rape is always plowed under as a fertilizing crop.

DWARF ESSEX, or large Leaved English—Per lb 10c, postpaid 15c, 10 lb lots 90c, 25 lb lots and upwards 8c per lb, 50 lb lots and upwards \$7.50 per 100 lbs.

COW OR SOUTHERN PEAS

(The Great Soil Improver)

From 5 to 9 tons of green fodder per acre have been produced by Cow Peas. To grow for Hay they are most valuable. For ensilage they are unsurpassed. When it is desired to turn the whole crop under as a soil improver it is better to do so after the vines are partly dead. Cow Peas can be sown in May or June, at the rate of 1 to 1½ bushels per acre. Of the several varieties of Cow Peas, the following two are best adapted to our climate.

Clay—Price, lb 20c, 3 lbs 50c, postpaid; peck \$1.00, bushel \$3.75.

Whip-Poor-Will—Price, lb 20c, 3 lbs 50c, postpaid; peck \$1.00, bushel \$4.00.

MAND'S WONDER FORAGE PLANT

(Pencilaria Zeaoides)

An annual plant having long broad foliage, and if allowed to develop fully attaining a height of from 10 to 12 feet and bearing numerous heads from 18 to 20 inches in length, and 1 inch in diameter, completely covered with thousands of seeds, much relished by poultry. It is of rapid growth, throwing out from one plant numerous suckers and if cut as soon as it reaches the height of 2 or 3 feet, it can be mowed from 4 to 6 times, according to the latitude, and yields several tons of dry hay per acre. If allowed to grow 6 or 7 feet high, and cut when the flower heads begin to develop, it will yield the heaviest fodder crop per acre of any plant now in cultivation. Price, ½ lb 15c lb 50c, postpaid. By express, lb 45c, 10 lbs \$4.00.

KAFFIR CORN

White—Pkt 5c, lb 15c, 5 lbs 75c, postpaid; 20 lbs \$1.20, 100 lbs \$5.00

ENGLISH HORSE BEANS

Recommended by the Dominion Experimental Farm, to be planted with Corn and Sunflower seed for Ensilage purposes. Lb 15c, postpaid; 10 lbs 90c, bush \$3.00. Values fluctuate.

SAND, or WINTER VETCH

(Vicia Villosa)



Sand or Winter Vetch

This is a hardy legume, growing somewhat similar to a pea, but as it grows to a height of 4 or 5 ft. it should be sown with other grains, which will provide support for the vines. Being extremely hardy, it is especially valuable for northern districts where clover will not survive the winter. When sown in August or September with winter rye it makes a good growth in the Fall, remains green all winter, and is ready for cutting a month earlier than Scarlet Clover. As a cover crop it prevents washing or leaching of the soil during winter, and being a nitrogen gatherer it enriches the soil. It is also valuable for spring sowing for hay or pasture. Sow 50 to 60 lbs. per acre, with ½ bu. of rye, oats or barley. Lb 30c, 3 lbs. 75c, postpaid; 10 lbs., \$1.80; 25 lbs., \$4.25; 100 lbs., \$16.00.

AUSTRALIAN SALT BUSH

(Atriplex semibaccatum)

Grows freely on arid and alkali lands that will produce no other vegetation, yielding a marvellously liberal foliage, which is eagerly eaten by all kinds of stock. It is of creeping habit. It has been proved that after three or four crops have been grown on alkali land, the soil is capable of producing any other vegetation. One pound of seed will plant an acre. Price—Pkt 10c, oz 20c, ½ lb 60c, lb \$2.00 postpaid.

SHALLU

A grower says:—"It is more valuable than Kaffir Corn for grain as it yields considerably more seed, it being of stooing habit, producing all the way from three to six stalks from a single grain, and it is quite a drouth resister. The heads grow similar to Broom Corn, forming large heads of round, plump white seeds. It is an excellent feed for horses and cattle, and for chicken feed it is unexcelled. Can be popped the same as Pop-corn, being more crisp than Pop-corn. When ground it makes an excellent flour for pancakes. It is more of a grain crop than a forage crop. It will produce more seed than any of the cane or sorghum family, and about double the amount of either Red or White Kaffir Corn."

Sow in rows three feet apart, three to five pounds of seed per acre. For fodder, sow half to one bushel, either broadcast or in drills. We think it worth a trial.

Per lb 30c, 3 lbs 75c, postpaid, 5 lbs or over at 20c per lb, at purchaser's expense.

EARLY YELLOW SOY BEAN

The Soy bean is coming right to the front as a great soil enricher, as a food for hogs and cattle, both in the green and dry state. It has remarkable qualities for it will draw from the air and returns to the earth just the nourishment and properties you are looking for. Price—lb 20c, postpaid; 10 lbs \$1.00.

TEOSINTE

(Beana Luxurians)

In appearance, it somewhat resembles Indian Corn, but the leaves are much larger and broader, and the stalk contains sweeter sap. It stools out enormously after being cut. Sow in May or June, at the rate of three pounds per acre, in drills four feet apart. Per oz 10c, ½ lb 20c, lb 70c, postpaid.

NEW SIBERIAN OR RUSSIAN MILLET

A wonderfully productive forage plant from Russia, which has given excellent results. It is extremely hardy and about two weeks earlier than German Millet, growing about four feet in height. Hay and fodder are very nutritious and much liked by all kinds of stock. Sow in May or June, ½ bushel to 1 bushel per acre. Lb 15c, 3 lbs 40c, postpaid; peck 60c, bush \$2.00.

BARNYARD MILLET

A valuable forage plant grown extensively in all parts of the United States. It grows 6 to 8 feet high and yields 12 to 20 tons per acre of excellent fodder, relished by all kinds of stock. Sow in May or June, broadcast, 10 to 12 lbs. per acre or in drills, 8 lbs per acre. Price per lb 15c, postpaid 20c, 10 lbs \$1.25.

MAMMOTH RUSSIAN SUNFLOWER

An excellent and cheap food for fowls. They eat it greedily, fatten well on it, better than on almost any other food. It can be raised cheaper than corn. Every farmer should plant some of the seed in any waste piece of ground. Four quarts of seed will plant an acre. Large pkt 5c, lb 10c, postpaid 20c. By express—10 lbs \$1.00.

EARLY AMBER SUGAR CANE

This is the sorghum grown largely in the Northern States; makes the finest quality of syrup. The earliest and most productive variety. Height 10 to 12 feet. For ensilage or fodder purposes its qualities are of the best; much relished by all kinds of stock. Sow 4 quarts in drills and 8 quarts broadcast to the acre. Pkt 5c, lb 15c, 5 lbs 60c, postpaid; 10 lbs 60c.

GRASSES

NOTE—FOR GENERAL SEEDING sow one third Clover and two-thirds Timothy. This produces hay of excellent feeding quality for stock in general. Write us for prices on any mixture wanted for hay or permanent pasture.

A GOOD REFERENCE BOOK—"Handbook on the Grasses of North America," Beale. Price, two volumes \$7.50.

For Lawn Grass Mixtures see inside cover page.

The greatest care is exercised in the selection of our Grass and Clover Seeds.

Choice samples are the cheapest, sow further and are the most satisfactory in the end.

Where prices are not quoted, they will be furnished with samples on application.

When wanted by mail add 5 cents per pound to the following prices.



Canadian Blue Grass

Creeping Bent or Fiorin (*Agrostis stolonifera*)—A variety similar to the Red Top Grass, somewhat slower in growth. Lb 40c, 10 lbs \$3.50.

Crested Dog's Tail or Comb (*Cynosurus cristatus*)—Well suited for lawns from its readiness to take root and its dense compact habits. Lb 50c, 10 lbs \$4.50.

Hard Fescue (*Festuca duriuscula*)—Thrives in a great variety of soils, and resists the effects of drought well; from its fineness of foliage it is well adapted for lawns or sheep pastures. Lb 40c, 10 lbs \$3.50.

Honey or Meadow Soft (*Holcus lanatus*)—It grows 3 feet in height, and is suitable for all soils. While no variety suits better for lawns, it is of no use for cattle, as they will scarcely touch it. Lb 30c, 10 lbs \$2.75, 100 lbs \$25.00.

Italian Rye (*Lolium Italicum*)—A biennial variety of rapid growth, succeeding well in all kinds of soil; well adapted for mixing with white clover for lawns; it is indispensable for an early crop of green feed. Lb 20c, 10 lbs \$1.75, 100 lbs \$15.00.

Kentucky Blue or Smooth-Stalked Meadow (*Poa pratensis*)—It sends up flower stalks 1½ feet high only once in the season; it is therefore less adapted for hay than for early and permanent pastures. For water meadows it is one of the best. Lb 40c, 10 lbs \$3.75, 100 lbs \$35.00.

Meadow Fescue (*Festuca pratensis*)—A highly valuable species for permanent grass lands; it does not, however, attain to its full productive power until the second or third year, when it exceeds most other sorts in the quantity of its produce and nutritive matter; it is relished by live stock, both in hay and pasture. Sow 40 lbs to the acre. Lb 50c, 10 lbs \$4.75, 100 lbs \$45.00.

Meadow Foxtail (*Alopecurus pratensis*)—One of the best grasses for permanent pastures, being early and rapid in growth; does best in rich, moist soil. Lb 40c, 10 lbs \$3.75, 100 lbs \$35.00.

Orchard (*Dactylis glomerata*)—Though a rather coarse grass, yet this variety is of such early and rapid growth, that it is valuable as a pasture grass on light soils. It should be used as a green feed exclusively, because when old and dry, or made into hay, neither horses nor cattle are fond of it. Lb 30c, 10 lbs \$2.75, 100 lbs \$25.00.

AWNLESS, or HUNGARIAN BROME (*Bromus inermis*). The Great Forage Grass of North-West Territories and B.C.—It can be raised on almost all kinds of soil and in any climate. It gives a luxuriant crop particularly on fresh sandy loam soil, and where the climate is warm. It is found that animals eat it greedily, whether in the green or in the dry state, so that it can be used as mown or saved for winter use. Lb 20c, 10 lbs \$1.80, 100 lbs \$16.00.

CANADIAN BLUE (*Poa compressa*). Hardest Grass in Cultivation—It is an excellent grass for dry, sandy thin soils and banks, and for covering the surface of rocky soils, and upon all soils that are affected seriously by long-continued droughts. Lb 30c, 10 lbs \$2.75, 100 lbs \$25.00.



Orchard Grass

little mowing. Lb 35c, 10 lbs \$3.25, 100 lbs \$30.00.



Red Top Grass

ing valuable pasture. Lb 60c, 10 lbs \$5.75.

Perennial or English Rye (*Lolium perenne*)—One of the best grasses adapted for producing a bulky crop of hay with or without clover, producing three or more years' pasture. Lb 15c, 10 lbs \$1.40, 100 lbs \$13.00.

Red Meadow Fescue (*Festuca rubra*)—An excellent variety, suitable for lawns exclusively, on account of its creeping nature, not growing over 1 foot in height, requiring little mowing, and forming so thick a turf as to suffer few intruding plants. Lb 40c, 10 lbs \$3.75, 100 lbs \$35.00.

Red Top, Fancy, Perennial (*Agrostis vulgaris*)—A hardy, permanent grass of rather low growth, succeeding in almost any soil, and well adapted for pasture land. Lb 30c, 10 lbs \$2.75, 100 lbs \$25.00.

Rhode Island Bent (*Agrostis Canina*)—Resembles Red Top, but of dwarfer habit with shorter, narrower leaves. Makes a beautiful close fine turf and one of the very best grasses for lawns. Sow fifty pounds to the acre for lawns. Lb 45c, 10 lb. \$4.25.

Sheep's Fescue (*Festuca ovina*)—A dwarf variety not over 6 inches in height, it has a fine sweet foliage, well adapted to the masticating organs of sheep, and for producing delicate mutton, but totally unfit for hay. It is, however, an excellent grass for lawns, requiring

Sweet Vernal (*Anthoxanthum odoratum*)—For a mixture with pasture grasses it is valuable on account of its vernal growth for meadows, its chief merit is the fragrant odor, which the leaves emit when dry, thus sweetening hay; it is a vegetable condiment rather than a nutritious grass. Sow 25 lbs to the acre. Lb 75c, 10 lbs \$7.00.

Tall Meadow Oat (*Avena elatior*)—A bulky, tall productive grass, much relished by cattle. Well adapted for soiling. Lb 40c, 10 lbs \$4.25, 100 lbs \$40.

TIMOTHY (*Phleum pratense*)—Market price variable. Lb 25c, 10 lbs \$2.50.

Water Meadow (*Poa aquatica*)—In flooded situations it grows luxuriantly and forms a rich pasturage in summer. Lb 65c, 10 lbs \$6.25.

Wood Meadow (*Poa nemoralis*)—Well adapted for woody lands; two feet high, forming

MILLET AND HUNGARIAN

COMMON MILLET (*Panicum Milliacium*)—There are many varieties of Millet, but none used so extensively as the common variety. Lb 5c, 10 lbs 45c, bush of 48 lbs \$1.80.

GERMAN MILLET—The true German Millet will grow in any climate or soil, and gives an enormous yield of most nutritious feed, and that without impoverishing the soil to any great extent. To get these results, it must be sown at the rate of one bushel per acre any time between May 1st and July 15th. The crop should be cut while it is in bloom. Managed in this way German Millet will prove a most satisfactory and profitable forage and summer hay crop, much relished by all kinds of stock. Lb 5c, 10 lbs 45c, bush of 48 lbs \$1.80.

Hungarian Grass (*Sectaria Italica*)—A most valuable, rapid growing variety of grass of annual nature, particularly well adapted for light ground, will yield an abundant crop, and when cut before seeding, produces hay much relished by all kinds of cattle. Market prices variable. Lb 5c, 10 lbs 45c, bush of 48 lbs \$1.80.

NOTE—When wanted by Mail add 5c per lb

CAHOON BROADCAST SEED SOWER

A hand-machine very largely used. The quantity to be sown is easily regulated. It will seed evenly four or six acres an hour. It will scatter the following distances, Wheat, Barley, Rye, 52 feet; Clover and Timothy 18 to 20 feet. The bag and hopper hold about 22 quarts.

Weight 5½ pounds.



Price, each \$4.

WESTERN WOLTHS RYE GRASS

This new introduction differs from Italian Rye Grass in that it is an annual plant of much more rapid growth and produces a far greater weight of feed. If sown on good soil and top-dressed with nitrate of soda it may be cut five or six times during the summer. Especially valuable as a green forage plant for summer feeding. Lb 25c, 10 lbs \$2.25.

CLOVERS AND TIMOTHY

CLOVERS (See Description of brands at foot of page)

When Clover Seeds are to be sent by mail, 5 cents per pound must be added to the following prices. We will supply 20 lbs or over at the 100 lb rate, and 5 lbs or over at the 10 lb rate; for smaller quantities the lb price will be charged. The following prices are values at time of issuing this Catalogue, January 1st, and are subject to Market changes.

	Per lb.	10 lbs	100 lb.	
Alsike, Monarch.....	30c	\$2 75		When wanted by Mail add 5c to the lb for Postage Lowest Market Prices on application
Alsike, Royal Brand.....	25	2 25		
Bokhara.....	30	2 75		
Crimson or Scarlet.....	25	2 25		
Lucerne or Alfalfa.....	30	2 75		
Mammoth Red Clover, "Monarch Brand".....	35	3 25		
Mammoth Red Clover, "Royal Brand".....	30	2 75		
Red Clover, "Monarch Brand".....	35	3 25	\$32 00	
Red Clover, "Royal Brand".....	30	2 75	27 00	
Sainfoin, Double Cutting.....	25	2 75		
Trefoil, Yellow.....	35	3 25		
White Clover, "Monarch Brand".....	60	5 80		
White Clover, "Royal Brand".....	55	5 25		

ALSIKE (*Trifolium Hybridum*) Best Re-cleaned.—It is a perennial, there fore adapted for permanent pastures or for hay crop. Perfectly hardy; never heaves or throws in the winter, thrives equally well on wet or dry soil through extreme drought, or excessive rains. Sow six lbs per acre in spring.

SAINFOIN or ESPARSETTE (*Hedysarum biflora*) Double cutting.—An excellent perennial Fodder Plant, growing to the height of about three feet. It is naturally adapted for light chalky soils, being an enriching, heat resisting clover, and may be sown either broadcast or drilled. It will require broadcast about 25 lbs per acre; if drilled 15 to 20 lbs.

Common Red (*Trifolium pratense*) Best re-cleaned.—Will succeed in any soil of moderate fertility.

Mammoth Red or Late (*Trifolium pratense perenne*)—Of great value if sown upon exhausted land; grows from 5 to 6 feet, and highly recommended for ploughing under for manure.

Crimson or Carnation (*Trifolium incarnatum*)—Should be sown in the early summer, and will then make excellent pasture in the fall, the open winter and the spring.

White Dutch, for Lawns (*Trifolium Repens*)—Most valuable in mixture for permanent pastures, forming with natural grasses the finest and most nutritious food for cattle and sheep.



Crimson Clover

CLOVERS (Continued)

Yellow Trefoil or Hop (*Medicago Lupulus*)—A prolific and hardy variety, is excellent for dry pastures; should not be sown alone.

Bokhara (*Melilotus vulgaris*)—For bees. Of large and vigorous growth; blooms early in August; may be cut three times during the season and yields three tons upwards of hay per acre. Sow in spring.

Lucerne or Alfalfa—A perennial and when once properly seeded in suitable soil produces fine crops for several years. It has a remarkably strong growth, and its cultivation is simple, requiring no more care and attention than a crop of ordinary red clover. The ground should be thoroughly mellowed by clean and careful tillage, the seed sown with any grain crop in the spring, at the rate of 10 or 12 pounds per acre, or sown alone at rate of 15 to 20 pounds per acre, and the second year it will become thoroughly established.



Alfalfa or Lucerne Clover

TIMOTHY (*Phleum Pratense*)

The most important agricultural grass, thriving best on rich soils, not suited to permanent pasture, but the best grass known here for hay. Sow 12 to 16 lbs per acre when used alone, when sown with Clover 6 to 10 lbs per acre.

"Monarch" Brand (equal to Government standard, No. 1, lb 25c, 10 lbs \$2.50, 100 lbs \$25.00.

"Royal" Brand, lb 23c, 10 lbs \$2.30, 100 lbs \$11.00.

GRASS MIXTURES

Mixtures for Permanent Pasture.

This consists of the following varieties:—

Orchard Grass,	Rhode Island or	English Rye Grass,
Meadow Foxtail,	Creeping Bent,	Italian Rye Grass
Sheep's Fescue,	Hard Fescue,	Red Top,
Meadow Fescue,	(true perennial)	Blue Grass, etc.

As recommended in the well-known and standard work entitled "How the Farm Pays," (by Henderson) blended in proportions which have been found, from actual use, to give the most satisfactory results.

On ordinary fertile soil two or three bushels of this mixture is sufficient to seed an acre.

Permanent Pasture for Light Soils.....	\$3.75 per bushel of 14 lbs.
Permanent Pasture for Medium Soils.....	
Permanent Pasture for Heavy Soils.....	
SIMMERS' Grass Mixture for Orchards and Shady Places.....	
SIMMERS' Special Grass Mixture for Hay only.....	

To these Mixtures, intended for either Mowing Lands or Pasture (but which on account of its greater weight should be sown separately) should be added 10 lbs of Mixed Clover, comprising White, Mammoth Red, or Cow Grass, Alsike, Trefoil, etc., but this must be sown in the spring.
10 lbs. of Mixed Clover to sow One Acre, \$3.50

Ontario Agricultural College (Guelph) Formula of GRASSES and Clovers for permanent pastures.

6 lbs. Meadow Fescue,	3 lbs Orchard Grass,	1 lb White Dutch Clover,
3 lbs. Timothy,	3 lbs Red Top Grass,	1 lb Alsike Clover,
2 lbs. Canadian Blue Grass,	4 lbs Lucerne Clover	2 lbs Red Clover

Total 17 lbs Grasses and 8 lbs Clovers, being the quantities required for an acre. \$7.75 for 25 lbs; lb 35c, postpaid 40c. If larger quantities are wanted please write for prices.

Mixtures for Temporary Pastures.

Consisting of:—

Tall Meadow Oat Grass,	Meadow Foxtail,	Red Clover,
Orchard Grass,	Hard Fescue,	White Clover,
English Rye Grass,	Sheep's Fescue, and	Alsike, Trefoil and
Italian Rye Grass,	Meadow Fescue,	Timothy

Blended in their proper proportions for the time specified. Incomparably superior to the ordinary Timothy and Clover Mixture.

For One Year—1 bushel (14 lb.) Mixed Grasses, \$3.75. 10 lbs Mixed Clovers \$3.50. Total cost per acre, \$7.25.

For Two Years—2 bushels Mixed Grasses, \$7.50. 10 lbs Mixed Clovers, \$3.50. Total cost per acre, \$11.00.

For Three or Four Years—3 bushels Mixed Grasses, \$11.25. 10 lbs. mixed Clovers, \$3.50. Total cost per acre, \$14.75.



Cyclone Broadcast Hand Seed Sower

Will sow Clover, Timothy, Flax, Wheat, Oats and Millet perfectly and evenly and any desired amount per acre. Full instructions and directions on every machine. Price, \$1.75, or post-paid, \$2.50.

Please allow for bags when remitting. Cotton bags 25c each; linen bags 10c each.

OUR BRANDS

In accordance with the amended Seed Control Act of 1911, we now offer our Clovers and Timothy in four grades, briefly described as follows:—

"Imperial" brand,—Extra No. 1. (Government standard)—Pure as to kind, clean, sound, plump, of good color, free from seeds of any noxious weeds, and containing not more than 30 seeds per ounce of all kinds of weeds, including other useless or harmful plants, not specially mentioned in the Act.

"Monarch" brand,—No. 1. (Government Standard)—Clean, sound, reasonably plump, of good color, containing not more than five noxious weed seeds per ounce of Timothy, Red Clover or Alfalfa, or ten per ounce of Alsike, and not more than one hundred seeds per ounce of all kinds of weeds, including other useless or harmful plants not mentioned in the Act.

"Royal" brand,—No. 2. (Government Standard)—Reasonably clean and sound, containing not more than twenty noxious weed seeds per ounce of Timothy, Red Clover or Alfalfa, or forty per ounce of Alsike, and not more than two hundred seeds per ounce of all kinds of weeds, including other useless or harmful plants not mentioned in the Act.

"Rex" brand,—No. 3. (Government Standard)—Containing not more than eighty noxious weed seeds per ounce of Timothy, Red Clover or Alfalfa, or one hundred and sixty per ounce of Alsike, and not more than four hundred seeds per ounce of all kinds of weeds, including other useless or harmful plants not mentioned in the Act.



Tall Snapdragon Venus

TALL SNAPDRAGON VENUS

(Antirrhinum Majus Grandiflorum)

877 A delicate pink tint has hitherto been wanting among the tall large-flowered Snapdragons, and this is just the color most in demand at the present time for cutting and making up. Antirrhinum Venus is admirably adapted to supply this deficiency, presenting as it does a lovely pink shade on white ground, set off by a pure white throat. The long stocks are thickly studded with large flowers of the finest form.

Packet 15c, 2 for 25c.

OSTRICH PLUME CELOSIA, "CASTLE GOULD"

878 This is an entirely distinct type of Ostrich Plume Celosia, and by far surpasses anything heretofore offered. The plants are of compact pyramidal growth, from two to three feet high, bearing immense fine feathered heads, giving it a most striking and unique appearance. It is equally valuable as a pot plant or for bedding out, and for its profusion of flowers and great variety of colors, is considered to be the best decorative annual produced in many years. We offer mixed seed only. Packet 50c each.

ASTER, VICK'S MIKADO PINK "ROCHESTER"

879 This Aster belongs to the Comet class, although it resembles the branching sorts in its habit of growth. The petals are long, narrow and gracefully reflexed. The color is the most exquisite shade of shell pink. The flowers, which are borne on long stiff stems, are from 4½ to 6 inches in diameter. Packet 15c, 2 for 25c.

VICK'S CARDINAL ASTER

THE BEST BEDDING ASTER EVER INTRODUCED

880 The coloring of this Aster is entirely distinct from any other Aster; in fact it possesses a striking color of its own. Cardinal is the nearest we can come to it. This variety is particularly adapted for bedding, owing to its free blooming qualities and brilliant coloring. When massed in a bed, its deep vivid cardinal color is as striking as the brilliant scarlet Salvia. Vick's Cardinal begins blooming the first to middle of August, retaining its brilliant coloring and full, well-developed flowers until late in the fall.

Packet, 10 cents.

VICTORIA ASTER—MISS ROOSEVELT

(Aurora or Salmon Queen)

881 Magnificent flowers, massive and showy, with regular overlapping petals double clear to the centre. The flowers measure 4 to 5 inches across, and the color is a most beautiful blending of primrose and flesh-pink. The plants grow very evenly, about 18 inches high, and carry from 25 to 40 flowers on a plant. Perhaps the handsomest Aster, taken all in all, for size, color and profusion of bloom. Packet 10c.



Dimorphotheca Aurantiaca Hybrida—Splendid Mixture

DIMORPHOTHECA AURANTIACA HYBRIDA

(Splendid Mixture)

882 The African Orange Daisy which we have been offering the past few seasons has become very popular and we are pleased to offer this season a mixture of new colors, hybrids of the original Orange Daisy. In habit, growth and foliage, as well as the height of the plant (12 to 15 inches) and the size of the flowers (2½ to 2¾ inches), these new hybrids resemble the parent Dimorphotheca Aurantiaca. The colors vary from the purest white, through various shades of white, yellow and orange, to a beautiful combination of colors, such as white with a broad sulphur yellow zone around the black disc, or soft salmon with a deep salmony-red inner circle.

Packet, 35c.

AFRICAN ORANGE DAISY

(Dimorphotheca Aurantiaca)

883 The New Orange Daisy is of very neat habit and grows about 12 to 15 inches high. The flowers, somewhat like a Marguerite, are about 2½ inches in diameter, and are of a unique rich orange-gold, which brilliant coloring is rendered the more conspicuous by the dark-coloured disc surrounded by a black zone. This annual is particularly well adapted for groups and borders. The flowers are produced soon after planting in the open. In sunny positions it will flower all summer. The deep rich orange color of this extremely floriferous annual shows up brilliantly on a bright day. We thoroughly recommend it and feel sure it has come to stay. Packet 10c.

DOUBLE PRIMULA OBCONICA

884 This is one of the most useful flowering plants. If sown early in Spring the seedlings will commence to bloom in May or June and continue to flower throughout the whole year. The flowers are of a soft lilac, pink, rose lavender or crimson and very charming. It is one of the most useful Primula for pot culture, and also succeeds well in the open border during the summer months. Its double flowers are borne on stiff stems well above the foliage, and they also show a marked improvement in color. Packet 25c.

PRIMULA OBCONICA GRANDIFLORA GIGANTEA

885 This new strain is the finest yet introduced; of strong, vigorous growth, with immense heads of large individual blooms; it varies in color from pale lilac to rose. Our grower says this strain will produce individual flowers two inches across. So we are convinced our customers will appreciate this new introduction. Mixed colors, packet 50c.

FREESIAS, NEW HYBRIDS

886 These new richly-colored Freesias represent one of the most remarkable novelties of recent years. The beautiful scented flowers are tinted in the most various shades of pink, rose, purple, blue, violet, orange, sulphur yellow, brown, often delicately spotted and veined. As cut flowers, they retain their freshness in water a long time. Of the same easy culture as the old white Freesias, the plants are of strong growth and well adapted for forcing. Seedlings will show bloom in 6 to 7 months after sowing. Packet 25c.



Giant Zinnias (*Grandiflora Robusta Plenissima*).

GIANT ZINNIAS

(*Grandif. Robusta Plenissima*)

This strain of Giant Zinnias produces flowers of immense size, measuring often 5 to 6 inches in diameter, semi-globular in shape and mostly very double. The plants are of robust habit, throwing up numerous flower stalks. We offer this strain in three colors only, viz.

- | | |
|------------------------|----------|
| 887 White..... | Pkt. 15c |
| 888 Golden Yellow..... | Pkt. 15c |
| 889 Scarlet..... | Pkt. 15c |



Begonia Gracilis Mignon

BEGONIA GRACILIS MIGNON

890 Mignon is a dwarf and compact growing variety of *Begonia gracilis* and ranks in size between it and the Dwarf Vernon. Not exceeding 7 or 8 inches in height, the plants branch so freely that they form almost globular bushes 8 to 10 inches across, which are profusely covered with brilliant blooms of a fiery scarlet red, the effect of which is considerably heightened by the prominent yellow anthers. The foliage, of a soft dark green, spotted and bordered with bronzy red, forms an effective background to the scarlet of the flowers. *Begonia Mignon* comes true from seed and is of perfectly even growth. Strongly recommended for all kinds of bedding purposes.

Pkt. 25c.



Large-Flowering Winter Stock *White Lady*

LARGE-FLOWERING WINTER STOCK WHITE LADY

891 This is in every respect the absolute equal of its parent and produces strikingly large and very double flowers of a lustrous snowy white. About 20 inches high and arrayed in remarkably handsome foliage, the plants throw up a massive central spike like that of a Tree Wallflower, and branching freely in candelabra fashion, finally assume the shape of a pyramidal bouquet. In comparison with other Winter Stocks *White Lady* blooms early and remains longer in flower; it will produce 60 to 65 per cent of doubles, and certainly surpasses in beauty every *White Stock* that has been obtained up to the present. Pkt. 25c.

SALVIA SPLENDENS "ZURICH"

892 A free flowering dwarf sort with erect spikes covered with a mass of the most brilliant scarlet flowers. The plants commence to bloom early and continue throughout the season. It is of dwarf, compact growth, forming little oval bushes 15 to 18 inches high, thickly studded with fine spikes of scarlet flowers. For bedding it surpasses *Scarlet Geraniums* in brilliant effect, either planted alone or as a front row for the taller *Salvias*.

Packet 10c.

BEGONIA GRACILIS LUMINOSA

893 This *Begonia*, of French origin, is undoubtedly a novelty of the very first rank. Of similar habit to *B. gracilis*, it differs from it by the lustrous reddish brown color of the foliage, while the flowers, measuring one to one and a half inches across, are of a fiery dark scarlet. Being extremely floriferous this excellent new variety produces in the mass a splendid effect. No better sort for group and bedding has yet been seen, and it is decidedly superior to all other existing dark-foliaged *semperflorens Begonias*.

Pkt 25c.



Petunia Giants of California

GIANT PETUNIAS

894 Century Prize Fringed Ruffled Giants—This new strain originated with the famous specialist of California, who some years ago sent out the California Giant and Ruffled Giant strains. It differs from the latter in having, in addition to the ruffling, a very fine fringed edging, making a very handsome flower. In size and coloring this new strain is equal to the finest now in commerce, and must be regarded as a decided advance in this important flower. Pkt 25c.

895 Giants of California, Mixed (Re-selected)—A California strain of incomparable beauty, size and luxuriance. Most of the flowers are exquisitely fringed on the edges, and are of enormous dimensions (4 to 5 inches across), but their great merits lie in the wonderful varieties of colors, markings, veinings, blotchings and stripings. Pkt 15c, 2 packets 25c.

PETUNIA HYBRIDA

896 Large Flowering Superbissima, Mixed (French seed)—This giant flowered strain is fully equal if not superior to Giants of California. They are truly magnificent and show a decided improvement over the best European strains heretofore offered. Flowers are of extraordinary size and a great variety of colors. Packet 25c

FOUR OF THE NEWEST SWEET PEAS

897 Florence Nightingale—The largest and best Lavender Spencer yet introduced. An extremely strong grower and profuse bloomer, with long stout stems, making it a splendid variety for cutting. Pkt 20.

898 Ethel Roosevelt—Of true Spencer type and very large size. The ground color is a soft primrose, flaked and splashed with crimson. Easily the best yellow Spencer to date. Pkt 20c.

899 Rose du Barri—A large flowering variety of exceptional merit. The color is a lovely combination of deep, rich carmine rose and orange. Pkt 10c, or 25c.

900 Dainty Spencer—A most beautiful variety of the Spencer type, the color being pure white with a very distinct margin of rose-pink. The stems are very long and usually bear four fine flowers each. Pkt 15c.

One packet of each of the above Newest in Sweet Peas, 60c.



Gerbera Jamesonii Hybrida

GERBERA JAMESONII HYBRIDA

(ADNET'S HYBRIDS).

901 New Hybrids of the half-hardy perennial called "Scarlet Daisy or Marguerite of the Cape." By artificial hybridizing Mr. Adnet succeeded in raising a great number of varieties varying in color from pure white through shades of yellow, pale red and salmon to orange rose, cherry red, scarlet and rich crimson or violet red. Sometimes the disk is of the same color as the ray florets, other times it is of a different shade. The large, well formed Marguerite-like flowers, borne on very long and strong peduncles, last a long time in a cut state and furnish an unsurpassed material for bouquets or for any other decorative purpose. Pkt. 35c.

IMPATIENS HOLSTII

NEW HYBRIDS MIXED

902 It is seldom that a novelty comes so quickly into general favor as the splendid East African Balsam, Impatiens Holstii. With its brilliant vermillion red flowers it is indeed an excellent pot plant and also extremely useful for the open border, groups in a half sunny position producing a striking effect. It may be remarked that it is of very robust growth. The broad petalled blooms are 1½ to 1½ in. in diameter, i.e., larger than those of the Sultani class besides which they have a much rounder shape and appear to the number of 6 or 8 on each twig. The new colors are quite distinct and also very beautiful; they come almost true from seed. Pkt, 35c.

SCHIZANTHUS WISETONENSIS

903 This is an elegant, compact pyramidal form of this wonderfully showy plant. It grows about 16 inches high, with a multitude of large panicles of beautiful blossoms borne well above the charming feathery foliage. The ground color is white, dotted with rose, with a spot on the upper lip varying in color between golden yellow and bright brown. It continues to bloom from six to eight weeks, and is specially suitable as a house pot-plant. Pkt 25c.

Cineraria Hybrida Grandiflora "Matador"

904 The brilliant scarlet flowers of this novelty add an entirely new shade of color to this valuable greenhouse plant.

It is of compact growth, and the dark green foliage forms a striking contrast to the bright scarlet of the flowers.

Packet 50c.



Cineraria Hybrida "Matador"

QUEEN OF THE LOBBS TALL NASTURTIUM

A very remarkable acquisition of the Lobbianum type, with a fine white marbled and veined foliage, which gives an exceedingly pretty appearance to this popular climber, the flowers contrasting beautifully with the variegated foliage.

QUEEN WILHELMINA

905 The best of the Lobbianum type, with variegated foliage. The leaves are marbled, streaked and veined with pure white. The flowers are rich, brilliant scarlet, forming a striking contrast with the white variegated leaves. Comes true from seed. Pkt 10c.

QUEEN DOWAGER EMMA

906 Of the same type and also of the same typical foliage as Queen Wilhelmina, but with flowers of a deep crimson scarlet. Pkt 10c.



Lobbs Nasturtium

QUEEN OF SPAIN

907 Variegated-leaved, golden-yellow, brown spotted. Pkt 10c.

QUEEN ALEXANDRA

908 Variegated-leaved, blood-red marbled and mottled. Pkt 10c.

QUEEN OF THE MORNING

909 Variegated-leaved, superb aurora-colored shades. Pkt 10c.

QUEEN OF THE NORTH

910 Variegated-leaved, sulphur yellow. Pkt 10c.

QUEEN OF THE LOBBS—MIXED

911 A mixture of the above named varieties. Pkt 10c.

SPECIAL OFFER—One packet of each of the six Queen of the Lobbs Tall Nasturtium 50c.

Large Flowering Morning Glories.

The seeds of the following varieties of Morning Glories should be soaked in warm water for 24 hours before planting.

912 **Brazilian**—The leaves are 8 to 12 inches across. The flowers, which open in the morning, are 3 or more inches across, and of a beautiful rose color. Pkt 5c.

913 **Yellow**—The vines are literally covered with thousands of beautiful, pure yellow fragrant flowers. Pkt 5c.

914 **Japanese Imperial Single Fringed**—Their exquisite beauty and size (from 4 to 6 inches across) command admiration. Pkt 5c, oz 20c.

915 "**Mikado**" Japanese Morning Glories—The flowers are streaked and mottled in all shades of purple. The leaves are handsome, some rich green, while others are streaked, and marbled with white and silver gray or yellow; the seeds germinate a little slower than those of the common Morning Glory. Mixed colors, Pkt 10c, 3 for 25c.

SPECIAL OFFER—One packet of each of the four Morning Glories 20c.

FLOWER SEED COLLECTIONS

25c. Simmers' Flower Seed Collection "A" **\$1.00** Simmers' Flower Seed Collection "C"

7 Pkts Choice Fresh Flower Seeds for 25c.

Containing beautiful varieties of easily grown annuals with full directions for their culture.

Double Imperial Pinks.
Morning Glory—Mixed.
Phlox.

Poppy—Double mixed.
Sweet Mignonette.
Tall Nasturtium—Mixed.

Sweet Peas—All colors mixed.

50c. Simmers' Flower Seed Collection "B"

Contains 15 Pkts of Choice Flower Seeds for 50c.

Calendula.
Candytuft—Mixed.
Double Pinks—Best Mixed.
Marigold—Double French.
Mignonette—Large Flowering.
Morning Glory—Mixed.
Nasturtium—Dwarf Mixed.

Phlox Drummondii—Mixed.
Poppies—All kinds mixed.
Scabiosa—Mixed.
Snapdragon.
Sunflower—Very double.
Sweet Alyssum.
Sweet Peas—Mixed.

Tall Nasturtium—Mixed.

Contains 30 Pkts of Flower Seeds for \$1.00.

Alyssum, Sweet—Little Gem
Balsam, Double—Mixed.
Calendula.
Canarybird Flower.
Candytuft.
Carnation—Marguerite.
Castor Oil Bean.
Chrysanthemum—Annual sorts.
Cosmos—Mixed.
Double Japan Pink—Best Mixed.
Eschscholtzia.
Everlasting Flowers—Mixed.
Gaillardia—Annual.
Godetia—Mixed.
Gourds, Ornamental

Marvel of Peru.
Marigold, Double—Mixed.
Mignonette.
Morning Glory.
Nasturtium—Tall mixed.
Nasturtium, Dwarf—Mixed colors.
Nasturtium, Tall—Lobb's mixed.
Petunia.
Phlox Drummondii—All colors, mixed.
Poppy—All kinds, mixed.
Portulaca—Mixed sorts.
Scabiosa—Mourning Bride.
Snapdragon.
Sunflower—Many kinds, mixed.
Sweet Peas.

Hardy Perennials—10 Packets for 60c.

60c. Gaillardia, Iceland Poppies, Larkspur, Pentstemon, Hollyhocks.
Correopsis, Perennial Sweet Pea, Foxglove, Columbine, Double White Chrysanthemum.

NOTE We cannot permit any change in the composition of these collections.

SIMMERS' COLLECTIONS OF FLOWER SEEDS

916 Asters.....	Truffaut's Flowered	Paeony Twelve Colors.....	\$0 75	923 Portulaca.....	Single.....	Six distinct brilliant colors	\$0 30
917 Asters.....	Victoria Double.....	Ten very showy colors	60	924 Poppy.....	Double or Paeony flowered	Twelve superb varieties	50
918 Balsams.....	Camelia-flowered Double	Ten Colors.....	60	925 Stocks.....	Large Pyramidal Globe Double	Ten weeks, ten colors	75
919 Hollyhocks.....	Chater's Prize.....	Twelve choice colors	75	926 Stocks.....	Large Flowered, Pyramidal Globe Double	Six distinct colors....	40
920 Pansies.....	Large flowered spotted	Twelve distinct varieties	1 00	927 Zinnias.....	Double.....	Six distinct colors...	40
921 Phlox Drummondii	Grandiflora.....	Twelve Colors.....	75				
922 Phlox Drummondii	Grandiflora.....	Six distinct colors..	40				



Annuals grow, bloom and die the first year from seed.

Biennials bloom the second year from seed and then die, though many, if sown early in the spring, will flower the first year.

Perennials usually bloom the second year from seed, and continue to grow and bloom for many years. Some will bloom the first year, if sown early.

Full Cultural Directions for sowing are printed on each and every package.

THERE IS MONEY FOR YOU in Flower Seeds and it will pay you to secure your neighbor's orders. We make these **Liberal Premiums**—

CUSTOMERS SENDING \$1.00 may \$1.25
2.00 select \$2.50
3.00 select \$3.75
4.00 select \$5.00

Worth of Flower Seeds in packets. This premium, however, does not apply to seeds by weight or collections, nor does it apply to orders sent at different times during the season.

1 ABOBRA VIRIDIFLORA—

An extremely pretty tuberous climber of the Gourd tribe, with handsome cut, glossy dark green foliage and small oval scarlet fruit, a perennial suitable for planting out during summer, forming beautiful garlands. The tubers have to be kept in a cellar or root house during winter. Per pkt, 10c.

2 ABRONIA UMBELLATA—

Handsome trailing annual for edging, pretty pale rose flowers, similar to Verbenas. Per pkt, 5c.

3 ABUTILON (Flowering Maple)—

Very free blooming greenhouse shrubs with handsome

somely varied and striped bell-shaped flowers; are very ornamental in flower beds. Will bloom the first season when sown early, 2 to 6 feet. Per pkt, 10c.

4 ACACIA—Decorative, greenhouse shrubs with elegant foliage, flowers yellow, white, or red, perennial. Mixed varieties. Pkt, 10c.

5 ACHILLEA, Ptarmica—Hardy, perennial, with double white flowers. Per pkt, 10c.

6 ADLUMIA CIRRHOSA

(Mountain Fringe or Alleghany Vine)—A beautiful hardy climbing perennial; flowers white with purple. Pkt, 5c.

ADONIS

7 Adonis Festivalis (Flos Adonis)—

A pretty, hardy scarlet annual, 18 inches high, of easy culture, flowering from July to September. Per pkt, 5c.

8 Adonis Vernalis—

A hardy perennial variety of the preceding, one foot high, with showy yellow flowers. Per pkt, 5c.



Abronia Umbellata. Pkt, 5c.

ACHIMENES

Splendid plants for the greenhouse or conservatory, flowers all shades of white, crimson, blue, etc., and afford a blaze of beauty the whole summer.

9 Achimenes Hybrida. Per pkt, 25c.

ACROCLINIUM

A beautiful class of half-hardy everlasting annuals, 1 ft. high; graceful border plants.

10 Roseum fl. pl.—Double pink flowers. Per pkt, 10c.

11 " flore albo pleno. Double white flowers. Per pkt, 10c.

ACONITUM (Monkshood)

Showy hardy perennials, four feet high, growing in any good soil, even under the shade of trees.

12 Aconitum Napellus—Bright blue and white flowers. Per pkt, 5c.



Agathaea

AGATHÆA

13 Blue Daisy or Marguerite—Hardy annual, blooming profusely with daisy-like flowers of a beautiful shade of blue, which contrasts finely with the golden-yellow centre; invaluable. Per pkt, 10c.

AGERATUM

Very useful half-hardy annuals for borders and bouquets, flowers very regular, height one to two feet, except the Tom Thumb kinds which are not over 6 to 12 inches in height; prevailing color, bright lavender blue.

14 IMPERIAL—Dwarf White. Per pkt, 5c.

15 —Dwarf Blue—Pkt, 5c.

16 —Cope's Pet—Lovely azure blue; eight inches high. Per pkt, 10c.

17 —Tom Thumb—Large flowering rose. This beautiful variety forms bushy compact plants about 12 inches high, bearing large trusses of rose-colored flowers in such abundance as to almost cover the plant. Desirable for pot culture, or as a basket or vase plant. Per pkt, 10c.

18 Mexicanum—Lavender blue. Per pkt, 5c.

19 Mexicanum—White. Per pkt, 5c.

AGROSTEMMA (Crown of the Field)

Free-flowering hardy annuals or perennials; flowers pink, in different shades; very pretty, like single pinks; height one to two feet; time of flowering from June to August.

20 Agrostemma Cœli Rosa (Rose of Heaven)—Annual. Per pkt, 5c.

21 —Hybrida Splendens (Rose Campion)—Deep crimson. Per pkt, 5c.

AMMOBIUM (Winged Ammobium)

22 Alatum Grandiflorum—A half-hardy everlasting biennial, flowering the first year, double white with yellow centre. Per pkt, 5c.



Ageratum—Tom Thumb—Rose. Pkt, 10c.

Simmers' Superb Double Asters

OUR PACKETS OF ASTERS
CONTAIN A VERY LIBERAL
AMOUNT OF SEED . . .

Note.—It is an undeniable fact that for purity, Aster seed grown in Germany is far superior to any grown elsewhere. The climate is better suited to the full development of the flowers, and the German growers have the experience of a century behind them. There is a great deal of cheap Aster seed offered to us every year, but we prefer to buy seed of careful and experienced growers, though high priced, and our selections are made from these.



Truffaut's
Paeony-Flowered
Double
Aster. Pkt,
10c.

TRUFFAUT'S PÆONY-FLOWERED

One of the handsomest and most ornamental sorts. The plants, which are very vigorous, grow from 18 to 24 inches high; the flowers are borne on long, wiry stems and are very large, from 3 to 4 inches in diameter, very double, and in shape like a Pæony. The colors are both bright and delicate, and altogether, this Aster is nearly perfection.

23 Glowing Crimson . . . Pkt 10c	28 Pure White . . . Pkt 10c
24 Dark Blue and White, Pkt 10c	29 Violet and White . . . Pkt 10c
25 Light Blue . . . Pkt 10c	30 Purple . . . Pkt 10c
26 Pale Red and White . Pkt 10c	31 Mixed Colors . . . Pkt 10c
27 Bright Pink . . . Pkt 10c	

QUEEN OF THE MARKET

Blooms three weeks earlier than other Asters, of branching habit, excellent for growing under glass. 1 foot.

32 White . . . Pkt 10c	35 Crimson . . . Pkt 10c
33 Light Blue . . . Pkt 10c	36 Mixed Colors . . . Pkt 10c
34 Rose . . . Pkt 10c	

SIMMERS' IMPROVED VICTORIA

Undoubtedly one of the most handsome Asters in cultivation, of which we have an excellent strain. Flowers are large and perfectly double, of globular shape and beautifully imbricated; plants are of fine pyramidal form. 1½ feet high.

37 Pink . . . Pkt 10c	39 Purple . . . Pkt 10c
38 Scarlet . . . Pkt 10c	40 White . . . Pkt 10c
41 Mixed Colors . . . Pkt 10c, oz \$2.00	

HOHENZOLLERN ASTER

The flowers are much larger than those of the Giant Comet, and the petals are longer and more beautifully curled and twisted, and produced in much greater abundance. They quite resemble the Giant Flowering Japanese Chrysanthemums seen at the Autumn shows, and the flowers are borne on long stems, which with their beautifully curled petals makes them cut flowers par excellence.

42 White . . . Pkt 10c	45 Azure Blue . . . Pkt 10c
43 Pink . . . Pkt 10c	46 Light Blue . . . Pkt 10c
44 Delicate Rose . . . Pkt 10c	47 Mixed . . . Pkt 10c

GIANT COMET

A handsome new and very distinct Aster, resembling the Japanese Chrysanthemum in shape of flowers; the petals are very long and beautifully curled, are of a lovely delicate pink, bordered with white, bright pink, light blue, and other colors.

48 Pink . . . Pkt 10c	50 Light Blue . . . Pkt 10c
49 Pink and White . . . Pkt 10c	51 Pure White . . . Pkt 10c
52 The Bride—A variety of the Giant Comet type. The flowers, on opening, are of purest white, changing as they become older to a beautiful shade of rose; a most unique transformation. Pkt, 10c.	
53 Mixed Colors—Pkt, 10c, 3 pkts 25c.	

GIANT BRANCHING ASTERS

The plants form strong, robust bushes about two feet high, bearing profusely on long, strong stems, handsome Chrysanthemum-like flowers, many being over six inches in diameter. The flowers have none of the stiffness usual to most Asters, making them particularly desirable, as cut flowers. They come into flower from two to three weeks later than most sorts, filling the gap between the general run of Asters and Chrysanthemums.

54 Pure White . . . Pkt 10c	57 Bright Crimson . . . Pkt 10c
55 Shell Pink . . . Pkt 10c	58 Purple . . . Pkt 10c
56 Lavender Blue . . . Pkt 10c	59 Mixed Colors . . . Pkt 10c

One packet each of any five colors for 35 cents.

DWARF QUEEN

This splendid Aster makes dwarf bushy plants about 10 inches high, of compact habit of growth, producing a great number of double flowers.

60 White . . . Pkt 10c	62 Mixed Colors . . . Pkt 10c
61 Crimson . . . Pkt 10c	



Comet
Aster.
Pkt, 10c

EARLIEST PARISIAN

The earliest of all by nearly three weeks. Plants are dwarfed and very branching, blooming very freely; very double flowers, borne on very long stems, rendering them of exceptional value for cutting.

63 White . . . Pkt 10c	64 Rose . . . Pkt 10c
------------------------	-----------------------

"CREGO" ASTER

The nearest approach to a Chrysanthemum of any flower grown. The flowers are large, the petals very long, curled and twisted. The plants are vigorous, of branching habit, producing their flower on long stiff stems.

65 White . . . Pkt 10c	66 Shell Pink . . . Pkt 10c
------------------------	-----------------------------

OSTRICH PLUME

67 Plants 15 to 18 inches high and of strong branching habit, the flowers measuring 4 to 5 inches in diameter and borne on long stems. The petals are long, wavy and so twisted as to give an extremely beautiful effect. Pkt, 10c, 3 for 25c.

SNOWBALL or "PRINCESS WHITE"

68 This is the first variety of an entirely distinct class which may be best compared to Lilliput Dahlias. A single plant develops as many as 30 pure white flowers. Pkt, 10c, 3 for 25c.

DWARF LARGE PÆONY-FLOWERED ROBUST

69 Most valuable, being constantly in growth, with handsome foliage and large, beautifully formed flowers, brilliant colors; mixed. Pkt, 10c.

SPECIAL OFFER

For those wishing a succession of Asters during the season we offer the following four varieties:—**QUEEN OF THE MARKET**, Mixed, early. **PÆONY FLOWERED**, Mixed, medium. **VICTORIA**, Mixed, medium. **GIANT BRANCHING**, Mixed, late. 1 Packet of each for 35 cents.



Hohenzollern Aster

ASTERS—Continued**VARIOUS ASTERS**

- 70 **Daybreak**—Globe-shaped flowers of beautiful shell-pink color. A magnificent variety either for bedding or for cut flowers. Per pkt, 10c, 3 pkts, 25c.
- 71 **VIOLET KING**—The flowers are very large. Its color is a soft violet lilac. Pkt, 10c.
- 72 **TRIUMPH**—About 7 or 8 inches high, the individual flowers measuring from 2½ to 3 inches across and are of the most faultless Peony form. The color is a peculiarly rich and brilliant pure scarlet. It produces its flowers in great abundance, each plant often bearing at least 30 to 40. Pkt, 10c.
- 73 **VICK'S PURITY ASTER**—This new Aster is the handmaid to Daybreak, being identical in form and habit, but the blooms are pure white. A finer combination of color cannot well be imagined than the massing together of these two beauties. The plant is a free bloomer, like its companion. Pkt, 10c, 3 for 25c.
- 74 **YELLOW ASTER "SUNLIGHT"**—This variety resembles in growth and form of flower the Peony Perfection type, and is said to be the first really yellow variety introduced. Pkt, 10c, 3 for 25c.
- 75 **"Mignon" Mixed**—The mixture contains light blue, lilac, rose, carmine, and crimson varieties in addition to the fine white one. Per pkt, 10c.
- 76 **Washington**—Pure white, flowers 4 to 5 inches in diameter, and of perfect form. Free bloomer. Per pkt, 10c.
- 77 **China**—Double-quilled Chinese Asters; 1 to 2 feet; in mixed colors. Oz., 75c, pkt, 5c.
- 78 **Chrysanthemum-Flowered Double Dwarf**—Of very compact growth, very abundant; later than other varieties, therefore valuable for succession; 1 foot, mixed colors. Pkt, 10c.
- 79 **Crown or Cockade**—Large flowers with two colors, the centre being white; height 1½ feet mixed colors. Pkt, 10c.
- 80 **Giant Emperor**—Beautiful class, large double flowers, mixed colors. Pkt, 10c.

JAPANESE GIANT ASTERS

- 81 Plants of pyramid growth, about 18 inches high, bearing on long stems from 40 to 50 flowers, averaging 5 inches across, composed of wavy and twisted needle-shaped petals, making the flowers free from the stiff and formal appearance usual to Asters. Mixed colors. Pkt 10c, 3 pkts 25c.
- 82 **SIMMERS' EXCELSIOR MIXTURE OF TALL DOUBLE ASTERS**—This is a mixture of the most beautiful, striking and delicate colors of tall varieties selected from the cream of Truffaut's desirable sorts, and includes our best named kinds. Aster lovers will be astonished at the wide range of colors given in this truly excelsior strain. Pkt 10c, 3 pkts 25c, ½ oz 40c.
- 83 **SIMMERS' EXCELSIOR MIXTURE OF DWARF ASTERS**—Where not desired for an even bed or border we would recommend the planting of our Excelsior Mixture. It consists of the most distinct and lovely colors from all the above Dwarf Asters. Pkt 10c, 3 pkts, 25c, ½ oz 40c.

ASTER SEED BY WEIGHT

Victoria—In separate colors.....	per one-eighth oz.	40c
All colors mixed.....	"	30c
Truffaut's—In separate colors.....	"	35c
All colors mixed.....	"	25c
Dwarf Chrysanthemum-Flowered—All colors mixed.....	"	30c
Comet Mixed.....	"	25c
Giant Branching—In separate colors.....	"	20c
Mixed.....	"	20c

AMARANTHUS

Plants grown exclusively for their foliage, and in late summer and early fall, when they have reached their fullest development, the glowing effect produced by their mass of rich foliage is scarcely equalled by any class of plants. They succeed in any soil.



Amaranthus Tricolor.
Pkt, 5c.

- 84 **Atropurpureus**—Hardy annual, 3 feet in height, drooping flower plumes, heart-shaped metallic tinted leaves. Pkt, 5c.
- 85 **Caudatus** (Love Lies Bleeding)—Hardy popular annual, 2 feet in height. Pkt, 5c.
- 86 **Melancholicus Ruber**—Half-hardy annual, 2 feet high, with rich blood red foliage. Pkt, 5c.
- 87 **Monstrosus** (Prince of Wales Feather)—A hardy popular annual of pleasing effect, 2 feet in height. Pkt, 5c.
- 88 **Salicifolius** (Fountain Plant)—2 to 3 feet in height, of branched and pyramidal growth. Pkt, 5c.
- 89 **Tricolor** (Joseph's Coat)—Half-hardy annual, 1½ feet high, foliage beautifully marked, yellow, red and green, very showy. Pkt, 5c.
- 90 **Tricolor Splendens**—An improved variety of the preceding, the foliage being more distinctly marked. Pkt, 5c.

ALOYSIA (Lemon-scented Verbena)

- 91 A popular perennial, deciduous greenhouse shrub known as the Lemon-Scented Verbena. Aloysia Citriodora (Verbena Citriodora). Pkt, 10c.

ALYSSUM

Free flowering, pretty little plants for beds, edging or rock work. The annual variety blooms the whole summer, and the perennial is among our earliest and most attractive spring flowers.

- 92 **Sweet Alyssum**—White fragrant flowers, hardy annuals, 6 inches. Per pkt, 5c, oz, 30c.
- 93 **Little Gem**—Of dwarf compact habit, 3 to 5 inches in height, each plant covering a circle 15 to 30 inches in diameter. Flowers when quite small, and is a solid mass of white bloom from spring until late autumn. Pkt, 5c, ½ oz, 25c, oz, 40c.
- 94 **White Carpet**—(Cotyledon procumbens)—Only two or three inches high. A profuse bloomer, showing as many as 300 heads of snow white flowers at one time on one plant. Annual. Pkt, 10c.
- 95 **Saxatile Compactum**—Golden yellow, shining, hardy perennial, nine inches high. Pkt, 5c.



Giant Branching Aster. Pkt, 10c

ALONSOA (Mask Flower)

Handsome bedding plants, succeeding well in any garden soil, freely producing flowers of great brilliancy; half-hardy annual.

- 96 **Linifolia**—Scarlet flowers, fine feathered foliage. Pkt, 5c.

AMPELOPSIS

- 97 **Quinquifolia** (Virginia Creeper)—One of the best climbing plants for permanent situations, as it is perfectly hardy, clings to the sides of what ever it may be growing against by the rootlets which it throws out along the stems. Grows 50 to 100 feet high. Pkt, 10c.

- 98 **Veitchii** (Boston Ivy)—It clings to stonework, tree, etc., and is a splendid plant for covering unsightly objects; it attains a height of 50 feet. Perfectly hardy. See Plant List for large well-grown plants. Pkt, 10c.

ANAGALLIS (Pimpernel)

Pretty little trailing, hardy annuals; flowering profusely in summer; used with advantage for small beds, edgings, rustic baskets, vases or rock work.

- 99 **Grandiflora**—Scarlet, blue and carmine mixed. Pkt, 5c.

ANCHUSA

Showy hardy perennials, with intense blue flowers of the form of Forget-me-not, with clear white centre, continuing in bloom for a long time.

- 100 **Altissima**—Three feet in height. Pkt, 5c.

ANGELONIA

Pretty hot-house plants with fine musk-like scent; suitable for windows.

- 101 **Floribunda Grandiflora**—Pkt, 15c.

ARABIS (Rock Cress)

Remarkably early-flowering dwarf plants for rockeries, flower beds, edgings, etc. Continuously in bloom from early spring until frost sets in; height 9 inches; hardy perennial.

- 102 **Alpina**—Per pkt, 5c.

ARCTOTIS GRANDIS—The African Lilac Daisy

A handsome new annual, forming profusely branched bushes of about 2 to 2½ feet in height and breadth. The leaves are soft and whitish. Its flower heads, borne on long stems and rising well above the foliage, are pure white on the upper surface, reverse of petals pale lilac.

- 103 Pkt, 10c, 3 for 25c.

FLOWER SEED BY WEIGHT

We carry large stocks of Flower Seeds and can furnish any quantity desired of any sort. Send us your list for estimate.



Little Gem Alyssum. Pkt, 5c.

AQUILEGIA (Columbine)

Highly ornamental hardy perennials, combining at once flowers of the most curious form with colors most striking and beautiful; height from 2 to 3 feet; seed germinates very slowly.

- 104 **Stellata**, fl., pl. Star-like double flowers, different colors, mixed. Pkt 10c.

- 105 **Vulgaris**, fl., pl.—double flowers, showy, different colors, mixed. Pkt 5c.

- 106 **Chrysantha** (Golden spurred) — Bright golden yellow, 3 feet. Pkt 10c.

- 107 **Chrysantha Alba** (White spurred) — A beautiful pure white variety. Pkt 10c.

TALL GIANT ANTIRRHINUM

(Snapdragon).

These handsome and profuse flowering plants have long been favorites in our gardens. They are of very easy culture, even in rather dry locations, growing sturdily and producing quantities of flowers throughout the summer and autumn, from spring-sown seed.

- 108 **Firefly** — Scarlet, white throat. Pkt 5c.

- 109 **Brilliant** — Scarlet, golden and white. Pkt 5c.

- 110 **Crescia** — Fine deep scarlet. Pkt 5c.

- 111 **Kermesina Splendens** — Deep rose. Pkt 5c.

- 112 **Luteum** — Yellow. Pkt 5c.

- 113 **White** — Pure snow white. Pkt 5c.

- 114 **Tall Mixed** — Pkt 5c.

SPECIAL OFFER

—One packet each of six varieties of Tall Giant Snapdragons. 25c.

LARGE FLOWERING DWARF ANTIRRHINUM

(Snapdragon)

Compact, thrifty, bushy plants. For low flower beds and edgings they are charming subjects, and for pot culture they are scarcely of less value.

- 115 **Golden Queen**—Pure yellow. Pkt 5c.

- 116 **Queen of the North**—White. Pkt 10c.

- 117 **Victoria**—White and red, very fine. Pkt 5c.

- 118 **Atrococcineum**—Deep scarlet. Pkt 5c.

- 119 **Dwarf Large Flowering, Mixed**—Pkt 5c.

SPECIAL OFFER—One packet each of the four varieties, large flowering Dwarf Snapdragons, 20c.

ARISTOLOCHIA (Dutchman's Pipe)

- 120 **Sipho or Bonplandi**—An exceedingly beautiful and interesting rapid-growing deciduous hardy perennial climber, flowers resembling a tobacco pipe. Pkt 10c.

ARABIAN PRIMROSE (Summer Flowering)

- 121 **Arnebia Cornuta**—A charming annual, growing in bushy form about two feet high, and about the same in breadth; flowers over three-quarters of an inch across, and of a rich primrose yellow, marked with five black spots. Pkt 10c.

ASPARAGUS

- 122 **Plumosus Nanus**—This plant possesses the advantage of being very graceful, its foliage being finer than that of the most delicate fern, and will last for weeks after being cut, the whole plant being of a bright cheerful green. It is an excellent house plant, succeeding under almost any conditions. Pkt 10c, 3 for 25c.

- 123 **Sprengeri**—A pot plant for decorative purposes or for planting in suspended baskets. It will make an excellent house plant, as it withstands dry atmosphere and will succeed in almost any position. We consider this one of the best house plants introduced in many years. Pkt 10c, 3 for 25c.



Aquilegia or Double Columbine Pkt 5c.



Giant Tall Snapdragon

ARMERIA (Thrift, Sea Pink)

- 124 **Formosa Rosea**—Commonly known as Thrift; hardy perennial of low growth, rosy flowers of long duration, like Everlastings; the plants are the best for edging borders or rockeries. Pkt 10c.

ASPERULA (Woodruff)

- 125 **Azurea Setosa**—A hardy annual of easy culture in any soil, and of most valuable qualities, with verbeena-like umbels of azure blue flowers, height 1 foot. Pkt 5c.
126 **Odorata** (Waldmeister)—A hardy perennial, one foot in height; the small branches of fragrant white star-like flowers appear in May and June. Pkt 10c.

AURICULA

- 127 **Variegated**—Very beautiful dwarf, hardy perennial, succeeds best in northern aspect not exposed to the sun; choice quality. Pkt 10c.

BALLOON VINE (Love in a Puff)

- 128 A rapid-growing, handsome summer climber, small white flowers, seed vessels resemble small balloons; 10 to 15 feet high. Pkt 5c.

BARTONIA

- 129 **Aurea**, or Golden Bartonia—A favorite hardy annual with showy brilliant yellow flowers; of easy culture. Pkt 5c.

BEET (Ornamental)

The ornamental-leaved Chilian Beets are among the most useful of the decorative foliage plants. For ribbon beds or groups they are very effective.

- 130 **Red Chilian**—Scarlet ribbed. Pkt 5c, oz 15c.
131 **Yellow Chilian**—Golden Yellow. Pkt 5c, oz 15c.
132 **Dracæna-Leaved**—Brilliant dark red foliage. Pkt 5c.

BRACHYCOME (Swan River Daisy)

Neat dwarf half-hardy annual, 6 inches high, flowers similar to the Cinerarias.

- 133 **Iberidifolia**—Blue. Pkt 5c. 134 **White**—Pkt 5c.

BEGONIA

Plants may be had in flower the first season from seed sown in February or March in a temperature of 60°. Set out in beds as soon as the ground becomes warm. Keep tubers over winter in dry sand.

- 135 **Giant Single Tuberous Rooted**—Finest mixed varieties. Pkt 25c.
136 **Giant Double Tuberous Rooted, Mixed**. Our seed has been hybridized, using the most double flowers and handsome single varieties. Pkt 35c. Tuberous rooted Begonia Bulbs. See page 68.

- 137 **Pearcei**—A magnificent tuberous variety, bright golden color. Pkt 25c.

- 138 **Rex Hybrids**—Ornamental-leaved varieties. Pkt 25c.

- 139 **Vernon**—Flowers of a brilliant orange carmine; foliage of a glossy red, blooms profusely throughout the summer; a good bedder. Pkt 10c.

- 140 **Semperflorens, Double Mixed**—The seed here offered has been saved from one of the best collections in Europe. Pkt 25c.

- 141 **Semperflorens, Single Mixed**—This mixture contains all the best varieties, ranging in color from pure white to the deepest crimson; splendid. Pkt 10c.

BELL FLOWER—(See Campanula). **BLEEDING HEART**—(See Dielytra).

BOCCONIA

- 142 **Japonica**—A hardy, perennial foliage plant of pleasing effect among shrubbery, 5 to 6 feet. Pkt 5c.

BROWALLIA

- 143 **Elata**—Blue, Pkt 5c.

- 144 **Elata**—White. Pkt 5c.

- 145 **Rœzlii**—Blue yellow centre Pkt 10c.

CACALIA

- 146 **Mixed**. Pkt 5c.

CALANDRINIA

- 147 **Grandiflora**—Deep pink. Pkt 5c.

CACTUS

- 148 Sow seed in flower pot saucers filled with coarse sand, and cover with glass.

A better way is to set the saucer of seeds in a larger one containing water. Put the young seedlings into very small pots. Many varieties, extra choice mixed. Pkt 10c.



Browallia Elata. Pkt 5c.

BALSAMS

Balsams or Lady Slippers are old favorites with everyone, owing to their handsome double flowers brilliant colors and stately growth.

- 149 **Simmers' Invincible Camellia-Flowered Double Mixed**—We have no hesitancy in pronouncing this strain the **FINEST IN CULTIVATION**. The flowers are very large, measuring from two to three inches in diameter, of perfect form, resembling the flower of the Camellia, and are as double. Height two feet; mixed. Pkt 10c, 3 pkts 25c.



Calceolaria, Double Large Flowering, Sulphur Yellow. Pkt 10c.



Calceolaria Hybrida Maculata

- 170 **Cup and Saucer**—The flowers grow in the form of a cup and saucer, the colors are principally white and rose and occasionally blue. Pkt 10c, 3 for 25c.
- 171 **Striped Cup and Saucer**—The bells average 3 inches in length, and the saucer 4 to 5 inches across, of a satiny lavender. Plants form perfect pyramids of bloom about 24 inches high. Hardy biennial. Pkt 10c, 3 for 25c.
- 172 **Simmers' Prize Mixture**—All colors of single and double; also cup and saucer; unsurpassed. Pkt 15c.

CALLIOPSIS or CORREOPSIS Showy, free flowering, hardy annuals, indispensable in any collection, adapted for bouquets.

- 173 **Double Yellow**—Double golden-yellow, with maroon spots. Pkt 5c.
- 174 **Bicolor Tinctoria**—Very desirable hardy annual, 1 to 1½ feet, yellow flowers, dark centre. Pkt 5c.
- 175 **Cardaminæfolia, Hybrida**—Of more dwarfish habits than the preceding, dark brown. Pkt 5c.
- 176 **Golden Wave**—Very showy sort, bright golden-yellow flowers, dark centre. Pkt 5c.
- 177 **Mixture** of all the desirable sorts. Pkt 10c.
- 178 **Correopsis Lanceolata**—Golden Correopsis—One of the finest hardy plants, large, showy bright golden-yellow flowers freely produced on long stalks from June till frost. Hardy perennial, 3 feet. Pkt 10c.

CALLIRRHÖE 179 **Pedata**—A half-hardy annual of the Mallow tribe with large deep rosy flowers produced in abundance during the whole summer, of easy culture, height 2 feet. Pkt 5c.

- 150 **Dwarf Spotted Double**—One foot in height; flowers abundantly, quite distinct. Finest mixed Pkt 10c.

- 151 **Solferino Double**, or **Carnation Striped**—Finest Mixed—Distinguished by the flowers being striped and streaked with lilac and scarlet on satin-white ground. Pkt 10c.

- 152 **Camellia-Flowered Perfection White** (Queen's White)—Flowers pure white, of immense size and solidity. Pkt 10c.

Collection of Camellia-Flowered Balsams—One pkt each, ten very fine colors, 60c.

CALENDULA (Pot Marigold)—A showy free-flowering genus of hardy annuals, producing a pretty effect in mixed borders, and growing freely on any soil.

- 153 **Orange King** (Prince of Orange)—Very large double flowers of a dark orange red. Pkt. 10c.,

- 154 **Double Large Flowering, Sulphur Yellow**—A light yellow variety of this favorite annual, compact habit, large well-filled flowers. Pkt 10c, 3 for 25c.

- 155 **Pongel fl. pl.**—Double white. Two feet high. Pkt 5c.

- 156 **Ranunculoides fl. pl.**—Double flowering dwarf orange. Pkt 5c.

CALCEOLARIA (Lady's Slipper)—A most magnificent early-flowering class of indoor or hardy greenhouse plants treated as biennials, with remarkably showy, interesting flowers, mottled and spotted in endless varieties of shade.

- 160 **Hybrida Maculata** (James' Giant Strain)—Beautiful variety with spotted or mottled flowers, highly improved. ½ pkt 25c, pkt 50c.

- 161 **Hybrida Shrubby** or **Perennial**—For bedding out, bright yellow flowers. ½ pkt 25c, pkt 50c.

CALIFORNIA GOLDEN BELLS 162 **Emmanthe Pendulifera**—An annual bushy plant, 9 to 12 inches high, each branch is loaded with broad bell-shaped flowers, about one-half inch long, of creamy yellow color. Pkt 10c,

CAMPANULA (Canterbury Bells)—Bellflowers, when wellgrown, are among the most attractive of hardy perennial plants, from the rich profusion of bell and saucer-shaped flowers in blue, white or flesh-colors.

- 163 **Medium Single Mixed** (Canterbury Bells)—Two feet high; large single blue flowers. Pkt 5c.

- 164 **Medium Double Mixed**—Double flowering variety of the preceding, constant from seed. Pkt 5c.

- 165 **Carpatica**—Free flowering blue and white, mixed, continuing in bloom the whole season; hardy perennial; six inches. Pkt 10c.

- 166 **Persicifolia Grandiflora** (Mixed)—One of the finest of the Bell flowers, two or three feet high, with large single blue and white flowers. Pkt 10c.

- 167 **Pyramidalis**—Three to five feet high, producing long spikes closely set with deep blue flowers. Pkt 10c.

- 168 **Pyramidalis**, white, same as preceding variety, but with white flowers. Pkt 10c.

- 169 **Macrostyia**—A hardy annual, 15 inches high, forming a broad headed bush, surmounted with cup-shaped flowers, 1½ inches across, violet purple upon white ground. Pkt 10c.



Simmers' Invincible Camellia-Flowered Double Balsams. Pkt 10c

- 157 **Superba**—Sulphur. Pkt 5c.

- 158 **Meteor**—Double flowering, striped, very commendable. Pkt 5c.

- 159 **Mixed Varieties**—Pkt 5c, oz 20c.



Campanula



Calliopsis Mixed. Pkt 10c.

CANARY CREEPER

(or Canary Bird Flower)

180 A well-known, pretty, favorite creeping annual, with bright yellow flowers shaped like a bird with partly extended wings, running up to 8 or more feet in height, in light, rich soil; it may be treated as a hardy or half hardy annual. Per pkt 5c, oz 30c.

CANDYTUFT (Iberis)

Hardy annual or perennial, yielding an abundance of fragrant flowers throughout the whole season in almost any soil or situation; it is a well-known favorite for beds, edgings, pots, borders, etc., deserving to be cultivated in every garden.

181 **Empress**—One of the finest varieties in cultivation. It is intermediate in height between the old Rocket and the newer Tom Thumb sorts. The plant is of a very branching habit, and when fully grown and covered with its large trusses of pure white flowers, resembles a floral candelabra. Do not sow too thickly, Per pkt 10c, 3 pkts 25c, 1 oz 30c.

182 **Candytuft, White Rocket**—Pkt 5c, oz 20c.

183 **Scarlet (or Carter's Carmine)**—One foot high. Pkt 5c.

184 **Purple**—One foot high. Pkt 5c.

185 **Snowflake White**—One foot high. Pkt 5c, oz 25c.

186 **Mixed**—All colors. Per pkt 5c, oz 20c.

187 **New Dwarf Hybrids**—This is a very choice mixture of dwarf growing Candytuft with flowers candelabra shaped, in a large variety of colors, very attractive and well worthy of a trial. Pkt 10c, 3 for 25c.

188 **Iberis Tenoreana, Perennial**—A half-hardy perennial shrub, 1 foot high, white fragrant flowers, for indoor culture. Per pkt 10c.

189 **Iberis Gibraltaria Perennial**—A beautiful hardy Perennial, about 1 foot high, specially adapted for rockeries, baskets, etc. Coming into flower early in the spring. It is a very profuse bloomer and in color is pure white, shading off to delicate lilac. Pkt 10c, 3 for 25c.



Canary Creeper or Canary Bird Flower

CANNA or INDIAN SHOT

Very stately and highly ornamental plants, with large, broad massive foliage, and rich crimson, scarlet or yellow flowers. When planted in groups or masses they impart a tropical aspect to the garden. They are half-hardy and produce fleshy roots, which, if taken up and kept in a cellar, may be divided every spring and used like Dahlias for years.

190 **Crozy's Gladiolus Flowered**—This distinct class of dwarf, compact habit, produces flowers similar to the Gladiolus, but excelling them in brilliancy, marking and variety of colors, embracing all shades. They are valuable for groups, solitary plants and for house decoration. They will bloom the first year from seed. Per pkt 10c, 1 oz 30c.

191 **CHOICE MIXED, Old Varieties**, red and green foliage. Pkt 5c.

CENTROSEMA GRANDIFLORA (Butterfly Pea)

192 A perfectly hardy perennial vine of rare beauty, which blooms in July from seed sown in April, and bears in great profusion inverted pea-shaped flowers ranging in color from a rosy violet to a reddish purple with a broad feathery white mark through the centre, the buds and back of the flowers being pure white. Pkt 10c.

CASTOR OIL BEAN (Palma Christi)

Most favorite stately growing hardy annuals; from their tall growth and fine foliage well suited for decorating shrubberies or lawns.



Castor Oil Bean—Zanzibarensis. Pkt 10c, 3 for 25c.

193 **Zanzibarensis**—A comparatively new species of wonderfully vigorous growth. Plants grow from 10 to 15 feet high. Leaves have a brilliant lustre, measure about 30 inches across, and in different plants range from bright green with green stems to deep bronze with dark red stems. Mixed varieties. They are sure to please all. Pkt 10c, oz 20c, 1 lb 60c.

194 **Cambodgiensis**—They grow from 6 to 8 feet high in a few weeks, with large, palm-like leaves of a bronzy red maroon color with large red veins. The leaf stems and younger growth are of rich reddish brown, while the main stem or trunk is of ebony black, the foliage in the sunlight glitters as if highly burnished. Pkt 10c, oz 30c.

195 **Borboniensis Arboreus**—Immense green foliage, 15 feet. Pkt 5c, oz 20c.

196 **Gibsoni**—Dark purple stems and leaves, 5 feet. Pkt 5c, oz 20c.

197 **Sanguineus**—A distinct variety, with beautiful brownish-red foliage and bright seed pods; very effective; 6 feet high. Pkt 5c, oz 20c.

198 **Mixed**—In many sorts. Pkt 5c, oz 20c.



Cineraria Hybrid Grandiflora Maxima

CINERARIA

FLOWERING VARIETIES—A popular class, mostly indoor or green house plants, yielding abundance of bright tinted flowers early in spring in great variety of shades. Cinerarias grown from our strain of seed have been greatly admired on account of their large flowers and distinct colors. Our strain of Cineraria cannot be surpassed either for size of flowers or beauty of color, many of the blooms measuring 2½ inches in diameter. We have received very flattering reports from florists and private gardeners of their success with our Cineraria seed. All desiring the best should obtain our strain.

199 **Hybrida Grandiflora Maxima**—Mixed, ½ pkt 25c, pkt 50c.

200 **Hybrida, double flowered**—Representing every shade of color, unquestionably one of the best of recent introduction. ½ pkt 25c, pkt 50c.

201 **Stellata (Star Cineraria)**—A charming variety, with large spreading panicles of starry flowers in the same variety of colors as the ordinary Cineraria; the extreme grace and elegance of the plant and flowers make them wonderfully effective for the decoration of the house or conservatory, and especially so for church decoration; also used for cutting. Pkt 35c.

BEDDING CINERARIA

202 **Maritima**—A hardy perennial extensively used for bedding purposes on account of the silvery, finely-fringed foliage. Pkt 5c.



Cineraria Stellata (Star Cineraria)

Simmers' Carnations

"Carnation," "Pink," "Clove Pink," "Florist's Pink" are names applied by different people to the same or to different plants of several species as well as to hybrids between them. They are all easily grown from seed and very free blooming; the flowers being bright colored and with a most delicious clove-like fragrance. Some of the varieties are very desirable for the professional florist and make fine house plants for the amateur. Others do best in the open ground and are among the most desirable of garden plants. Half-hardy perennial.

203 Extra Choice Double—Mixed, saved from rich collection of named flowers, which will produce splendid varieties. Per pkt 25c.

204 Fine Double—Mixed, sweet-scented sorts. Pkt 10c.

205 Chabaud's Everblooming—The plants are of even height, as if trimmed, healthy and vigorous, the stalks stiff as wire, the flowers large, very double, deliciously sweet and in the largest and most charming color variations. These also bloom in four months from the time the seedlings are up. Pkt 15c, 2 for 25c.

206 Remontant, Perpetual Flowering, or Tree—Flowering almost constantly during the season, and in winter, if kept indoors. Seeds from extra choice double flowers Per pkt 25c.

207 Early Dwarf Grenadin—For yielding a quantity of double flowers for cutting there is no carnation that can equal it. Flowers salmon-red and sweet-scented. Pkt 10c.

208 Marguerite—Plants are of dwarf, compact and neat habit. They flower most abundantly, and throughout the whole year. Eighty per cent. of the flowers are very double, never burst and embrace a great variety of colors. The seedlings bloom in four months from planting and by making repeated plantings flowers can be had all winter. Pkt 10c, 3 for 25c.

For Carnation plants see under plants.

CHRYSANTHEMUM

Showy and effective garden favorites, extensively grown for cut flowers. The hardy annuals are summer flowering border plants; good for pot culture, and quite distinct from the autumn flowering variety.

Annual Varieties

209 Inodorum "Bridal Robe"—Compact growing annual, upright habit, ten inches high, flowers extra double white. Pkt 10c.

210 Coronarium—Two feet, double white and yellow mixed. Pkt 5c.

211 Single Mixed—One to two feet. Per pkt 5c, oz. 30c.



Carnation Chabaud's Everblooming

212 Eclipse—Pure golden, with bright purplish scarlet ring on ray floret; disc is brown. Pkt 5c.

213 Dunnetti—Three-colored flowers, very pretty. Per pkt 5c.

Perennial Varieties

214 Shasta Daisy—The first of all Moonpenny Daisies, flowers very large and perfect. Pkt 15c. Strong plants, each 20c, 3 for 50c.

215 Grandiflorum Frutescens—"The Marguerite" or "Paris Daisy." Tender perennial. It produces freely white star-like flowers. Pkt 10c, 3 for 25c.

216 Inodorum Plenissimum—Double, snow-white, very free-flowering and fine for cutting. A perennial flowering the first year from seed. Pkt 10c.

217 Japanese Hybrids—The seed here offered has been saved from blooms that have been carefully hybridized, and may be expected to produce some rare novelties in this popular flower. Chrysanthemum seed sown in spring will produce vigorous flowering plants by fall. Per pkt 20c.

CLEOME (Spiderwort)

Very pretty, half-hardy, fragrant annuals, two feet high, flowers somewhat resemble a spider.

218 Purpurea—Purplish blue flowers. Pkt 5c.

219 Pungens (Giant Spider Plant)—A showy robust growing plant, 4 to 5 feet high, producing long curious spikes of flowers of a bright rose color. Pkt 5c.

CENTRANTHUS

220 Macrosiphon—Showy, low growing, hardy annuals, suitable for any ordinary garden soil. One foot. Mixed colors. Pkt 5c.



Chrysanthemum Coronarium. Pkt 5c.

CLARKIA

A genus of hardy annual plants of great elegance and beauty, succeeding well in any soil, and flowering freely in many shades of color.

221 Mrs. Langtry—The petals have an even edge, the color of the flowers being purest white, with an evenly defined centre of carmine crimson. Pkt 10c.

222 Double and Single Varieties—Mixed. Per pkt 5c.

CLINTONIA

223 Pulchella—Elegant, tiny, half hardy annual, 6 to 8 inches high, sky-blue flowers, with white centre. Best grown in pots or in hanging baskets. Pkt 10c.

CLEMATIS
(Virgin's Bower)

These hardy perennials are most rapid growing climbers, producing an abundance of interesting, sweet-scented and showy flowers.

224 Flammula—Sweet-scented, white flowers. Per pkt 10c.

225 Jackmanii—Rapid climber, with intense deep violet purple flowers of large size. Pkt 10c.

226 Paniculata (Japanese Virgin's Bower)—A fine climber abundantly covered from top to bottom with pure white fragrant flowers and pretty red seed pods. Pkt 10c, 3 pkts 25c.

CERASTIUM
(Snow in Summer)

227 Biebersteini—One of the prettiest hardy perennial plants ever known for bedding out or ribboning, being of dwarf growth, densely branching with leaves covered with a cottony down of snowy whiteness and producing a profusion of elegant white flowers, 6 inches high. Per pkt 10c.

228 Tomentosum—Very pretty perennial dwarf white leaved edging plant, bearing small white flowers. Pkt 10c.



Cobæa Scandens. Pkt 10c.

CLIANTHUS
(Glory Pea of Australia)

229 Dampieri—A splendid half-hardy shrub 2 feet high, with large rich, crimson-shaded clusters of pea flowers, shaped like parrot bills. If sown early will flower outdoors the first year. Per pkt 10c.

COBÆA SCANDENS
(Cathedral Bells)

Elegant rapid-growing climber, 20 to 30 feet high, that can be grown in the greenhouse or conservatory, or in the garden in summer, where from their luxuriance they are particularly desirable for covering arbors, walls, etc. Flowers large and bell-shaped.

230 Purple—Per pkt 10c, ½ oz 20c.

231 White—Per pkt 10c.



Centaurea Imperialis Pkt 10c.
(Royal Sweet Sultan)

- | | |
|--------------------------------|-------------------------------|
| 238 Pure White.....Pkt 10c | 241 Deep Lavender.....Pkt 10c |
| 239 Delicate Lilac.....Pkt 10c | 242 Dark Rose.....Pkt 10c |
| 240 Brilliant Rose.....Pkt 10c | 243 Deep Lilac.....Pkt 10c |
| 244 Mixed. Pkt 10c, 3 for 25c. | |

245 **Marguerite**—One of the handsomest Sweet Sultans. The plants grow about fifteen inches high and the flowers are of the purest white, exquisitely fragrant. Pkt 10c, 3 for 25c.

246 **Chameleon**—Its flowers are large, and of a pale sulphur-yellow, changing into pink. Pkt 10c, 3 for 25c.

247 **Suaveolens** (Yellow Sweet Sultan or Grecian Cornflower)—Bright golden yellow flowers, height 1½ feet. Pkt 5c.

WHITE-LEAVED CENTAUREAS (Dusty Millers)

Fine for bedding, vases, hanging baskets, and pots, also extensively used for borders. Sow the seed from December to April.

248 **Gymnocarpa**—Fine cut silver-gray foliage, 1½ feet. Per 1,000 seeds, 50c, pkt 10c.

249 **Candidissima**—Silvery white, leaves broadly cut. Per 1,000 seeds 50c, pkt 10c.



Coleus

COCCINEA INDICA

250 This is a remarkably pretty climber, foliage ivy-like, bright and luxuriant, never troubled with insects, and admirably adapted for trellises, arbors, etc. The small flowers are soon followed by numerous fruits two inches long, which turn to brilliant scarlet spotted with white. Half-hardy perennial—10 feet. Pkt 10c.

COLEUS

251 **Hybridus**—Beautiful ornamental foliage plants both for hothouse and bedding out during the summer; the broad oblong leaves being of a deep crimson brown color, edged with green, yellow or salmon color or mottled in a most picturesque manner. **Simmers' finest mixture.** Pkt 25c.

COCKSCOMB (or Celosia)

Splendid half-hardy annuals, generally known. To grow them to perfection they should be planted in the richest compost, in a sheltered position.

252 **Cristata**, tall—Mixed colors. Pkt 10c.

253 **Cristata**, dwarf—Mixed colors. Pkt 5c.

254 **President Thiers, Glasgow Prize or Tom Thumb**—A fine dwarf variety, with dark leaves and crimson combs. Pkt 10c, 3 for 25c.

FEATHERED VARIETIES

255 **Thompson's Superb** (Triomphe de l'Exposition)—Pyramidal in growth attaining a height of a little more than two feet, and producing beautiful large spikes of the most brilliant crimson. In sunlight the rich color of the flower spikes is beautifully contrasted with the bronze-colored foliage. Pkt 10c.

Feathered or Ostrich Plume—This feathered Celosia produces very large plumes which are exquisitely curved and curled in exact resemblance of an ostrich feather. The plant grows about three feet high, is of handsome pyramidal form.

256 **Crimson**—Feathered. Pkt 10c.

257 **Orange**—Feathered. Pkt 10c.

258 **Mixed**—Pkt 10c.



Cockscomb Dwarf
(President Thiers)

CENTAUREA

(Corn Flower or Bachelor's Button).

Showy, free flowering, hardy annuals, succeeding well in any kind of soil.

232 **Americana**—Lilac flowers, 3 feet high. Pkt 5c

233 **Depressa**—Deep blue flowers, one foot high. Pkt 5c.

234 **Double**—In addition to the doubleness of the flower, this strain contains a number of new shades. Pkt 5c.

235 **Cyanus Emperor** William—Bright blue, fine. Pkt 10c.

236 **Cyanus** (Blue Bottle)—Different colors mixed, 2 feet high. Pkt 5c.

237 **Odorata Mixed**—Reddish lavender, highly fragrant. Pkt 10c.

ROYAL SWEET SULTANS

(Centaurea Imperialis)

The beautiful sweet-scented artistic-shaped flowers are borne on long, strong stems, and when cut will stand for several days in good condition. Of easy culture, sow early in the spring. We offer the following distinct colors:



Centaurea Cyanus



Centaurea Suaveolens

COLUMBINE (See Aquilegia)

COLLINSIA

259 **Bicolor, Mixed**—Very neat hardy annuals, one foot high, growing in any light soil. Flowers purple, lilac and white spotted. Pkt 5c.

COSMOS

260 **Early Flowering Mixed**—Seed sown in the open ground in the beginning of May, will produce blooming plants in August, and they will continue to flower until late in fall. We know of no single flower that is as handsome and chaste as the Cosmos, while for keeping qualities when cut they are unexcelled. Pkt 10c, 3 for 25c.

261 **Early Yellow Cosmos**—Flowers sulphur-yellow, from 1 to 1½ inches in diameter, the plants attaining a height of about two feet. Pkt 10c.

262 **Dawn, Early Dwarf, Large-Flowering**—More bushy and compact than the older varieties, and grows only about four feet, while all others attain a height of six to seven feet. The flowers are fully as large as those of the old sort, pure white with a tinge of rose. They commence to bloom in July and last until frost. Pkt 10c.



Early Cosmos

263 **Pure White "Pearl"**—Pkt 10c.

COLLOMIA

264 **Coccinea**—Hardy annual, about 18 inches high, scarlet flowers; neat in bouquets, grown in any light soil. Pkt 5c.

CONVOLVULUS (Dwarf Morning Glory)

Very popular, hardy trailing annuals, flowering in different shades of brilliant blue and purple, with white centre, until late in autumn.

265 **Minor Mixed**—They are covered with flowers from June until late in fall. The only annual that equals it in freedom of bloom is the Godetia. The flowers are about the same size and shape as the tall or climbing Morning Glory. Many colors mixed. Pkt 5c, oz 20c.

266 **Double Flowering**—Flowers variegated, semi-double, but not very constant from seed. Pkt 5c.

267 **Mauritanicus**—A hardy trailing perennial, sky-blue flowers, 1½ inch diameter. Pkt 10c.



Dwarf Morning Glory

COWSLIP

268 **Primula Veris**—A well-known hardy, early-flowering perennial, appropriate for edging borders; flowers bright yellow and fragrant. Pkt 5c.
 269 **Giant American Cowslip** (*Dodocatheon Clevelandii*)—It throws up stems of flowers fully one foot high, each surmounted by 6 to 10 large, beautiful, cyclamen-like flowers of violet blue, with yellow and black centre. It is a perfectly hardy and beautiful plant for particularly shaded situations. Pkt 25c.

CUCUMIS

270 **Flexuosus** (Snake Cucumber)—Fruit resembling a long green snake, upwards of seven feet in length, a great curiosity. Pkt 5c.
 271 **Perennis, or Perennial Gourd**—A rapid-growing, half-hardy perennial climber, handsome fruit. Pkt 10c.

CUPHEA (Cigar Plant)

Remarkable for their beauty, freedom of blossom, and ornamental appearance both in the greenhouse and in the arbor; admirably adapted for pot culture for blooming in winter.

272 **Platycentra** (Cigar Flower)—One foot high; intense scarlet flowers. Pkt 10c.
 273 **Rozzli**—Three feet high; brilliant scarlet flowers, blooming in winter. Pkt 10c.

CYCLAMEN

A graceful tuberous greenhouse or parlor plant with beautiful deep pink or white fragrant flowers.

274 **Persicum Giganteum**—Williams' white violet purple eye... Pkt 15c
 275 " " Rose..... Pkt 15c
 276 " " Dark red..... Pkt 15c
 277 " " White..... Pkt 15c
 278 " " Mixed..... Pkt 15c

FRINGED CYCLAMEN "BUTTERFLY"

It possesses all the qualities of fine habit of plant, beautiful markings of foliage, size and freedom of bloom of the finest type of *C. persicum*, but differs in having flowers with much wider petals, the edges of which are beautifully fringed or waved, giving them an extra grace and beauty
 279 Splendid mixture of all varieties. Pkt 50c.



Cyclamen Persicum Giganteum
Pkt 15c.

CYCLANTHERA

280 **Explorens**—Fast growing, hardy annual climber fringed foliage, oval-shaped fruit. Pkt 5c.

CYPERUS (Umbrella Plant)

281 **Alternifolius**—A handsome foliage plant for the greenhouse or open ground; resembles an open umbrella frame. Pkt 10c.

CYPRESS VINE (*Ipomœa*)

282 **Cypress Vine** (*Ipomœa quamoclit*)—A beautiful scarlet or white flowering climber. Pkt 5c.

DAHLIAS FROM SEED

It is strange how few people know that Dahlias can be raised from seed and bloom the first year. The seed we offer is saved from the choicest varieties only, and if sown early will bloom profusely all summer.

283 **Double Cactus, Mixed**—The flowers are double and in a large variety of handsome and rich colors. A very early-blooming race. Pkt 10c, 3 for 25c.

284 **Double Mixed**—Pkt 10c, 3 for 25c.

285 **Dwarf or Lilliput Mixed**—Pkt 10c.

286 **Single Mixed**—Pkt 10c.

DAHLIA ROOTS SEE UNDER BULBS.

DAISY SHASTA SEE No. 211.

DIELYTRA

287 **Spectabilis** (Bleeding Heart)—A beautiful hardy perennial, 2 to 3 feet high, feathered foliage, flowers lovely pink, drooping, heart-shaped, in numbers on slender stems. Pkt 10c.

DOLICHOS (Egyptian or Hyacinth Bean)

288 **Daylight** One of the prettiest climbers and certainly the most beautiful among the Dolichos or Hyacinth Beans. Of very rapid growth, growing to a height of fifteen feet by mid-summer. From the handsome foliage there springs out a wonderful profusion of large sprays or spikes of white pea-like blossoms. Pkt 10c, 3 pkts 25c, oz 20c.

289 **Darkness**—Both stems and under side of leaves are purplish red. Numerous long spikes of pea-like flowers, deep reddish violet. Per pkt 5c, per oz 20c.

DRACÆNA (or Club Plant)

Palm-like plants, indispensable for decoration.

290 **Indivisa**—Grows easily from seed. Pkt 10c.

DRACOCEPHALUM (Dragon's Head)

291 **Moldavicum**—Annual, 2 feet high, blue flowers. Desirable hardy annual plants of low growth, of quite an agreeable fragrance, easily grown from seed. Pkt 5c.

DOUBLE DAISY (*Bellis Perennis*)

The double German Daisy is one of the prettiest dwarf hardy perennials in cultivation. It flowers the first year from being sown; seeds from the finest double sorts.

292 **Longfellow**—Fine large flowering, dark rose flowers. Pkt 10c.

293 **Snowball**—A sport of that charming variety Longfellow which possesses the good qualities of its parents' long stem, free bloom and large double flowers, about 80 per cent. of which are extremely large and very snowy white, justifying its name. Pkt 10c.

294 **Pure White**—Double. Pkt 5c.

295 **Large Flowering Double Mixed**—Pkt 10c, 3 for 25c.

296 **Simmers' Mammoth Mixed**—For size of flowers and doubleness these have no equals. The flowers average 1½ to 2 inches in diameter, are very double, ranging in colors from snowy white to pink and blood-red, with the prettiest combinations of pink and white. Pkt 15c, 2 for 25c.



Simmers' Mammoth Dahsies. Pkt 10c.

DICTAMNUS

Very pretty hardy perennials; the leaves have a pleasant smell like lemon peel when rubbed.

Fraxinella, or Gas Plant—The ordinary purplish pink form, while not showy, is stately and the white variety is really handsome. It has strong, fresh, pleasant lemon perfume, particularly so when you rub the flowers.

297 **Rosea**—Pink flowers. Pkt 10c.

298 **Alba**—White flowers. Pkt 10c.

DIGITALIS (Fox Glove or Witch's Finger)

Well-known, showy tall, hardy perennials, with large spikes of beautiful bell-shaped flowers in different shades of purple and pink and white, height about 3 feet.

299 **Monstrosa Purpurea** (Mammoth Foxglove)—The largest and best type, all colors, mixed. Pkt 5c.

300 **Gloxineiflora**—Large flower spikes, beautifully spotted, mixed. Pkt 10c.

DATURA (Trumpet Flower)

This genus forms part of our best showy plants both with respect to flower and foliage; flowers are trumpet shaped, almost six inches in length and are very fragrant, they are half hardy annuals.

301 **Double Golden Queen**—Large double flowers of a deep golden yellow, delightfully fragrant. Pkt 5c.

302 **Fastuosa Huberiana**—Mixed from large double flowers of various colors. Pkt 5c.

303 **Arborea Simplex** (*Brugmansia*)—Large, single trumpet-shaped white, fragrant flowers about 12 inches long; plant out in May. Pkt 10c.

304 **Cornucopia** (*Horn of Plenty*)—A grand variety, the flowers average 8 inches long by 5 across; French white inside, purple outside; delightfully fragrant; started early will flower from early summer until frost. Pkt 10c, 3 pkts 25c.



Digitalis or Foxglove. Pkt 5c.



Datura, Cornucopia. Pkt 10c.



Double Fringed Pink, *Dianthus Laciniatus*, fl. pl. Pkt 10c.



Double Japan Pink, *Dianthus Heddeiwigii*, fl. pl. Pkt 5c.



Single Annual, *Dianthus* or Pinks

DELPHINIUM (Larkspur)

All Larkspurs, whether of hardy annual or hardy perennial nature, are remarkable for their great beauty, diversity of shades and high decorative qualities. They also differ greatly in their habit of growth, some producing magnificent spikes of flowers, others again being dwarf and completely covered with flowers. Sow the seed early and they bloom freely the first year.

ANNUAL VARIETIES

305 **Blue Butterfly**—In this new Larkspur we have a combination of attractions. It is dwarf and compact, hardly reaching a foot in height. It has a bushy, yet branching habit, and the size of the blossoms are beyond anything we have ever seen in the old perennial varieties; its color is of the most intense blue yet found in any flower. Pkt 10c, 3 for 25c.

306 **Double Rocket**, (*Ajaxis* fl. pl.)—Two feet high with long spikes of various colored flowers. Pkt 5c, oz 40c.

307 **Double Hyacinth Flowered**—1½ feet high, more compact in growth, flowers as fine as the preceding. Pkt 5c.

308 **Emperor**—Of symmetrical bushy habit, with a profusion of brilliant dark blue, red-striped and tri-colored flowers. Pkt 5c.

309 **Double Stock Flowered, Mixed**—The flowers are of great effect, and their principal merit consists in keeping their bright color even in a dry state. Pkt 10c.

310 **Consolida Candelabra**, fl. pl.—Double branching, of compact, branching pyramidal growth, 1 foot high; flowers in many colors, appearing in abundance in a candelabra-like outline. Pkt 10c.

HARDY PERENNIAL VARIETIES

311 **Cashmerianum**—A beautiful dark blue, blooms in corymbs of six or more; 15 inches. Pkt 10c.

312 **Zalil** (Hardy Yellow Larkspur)—Sulphur yellow, plant of branching habit, bearing spikes of 40 to 50 blossoms each 1 inch in diameter, flowering from June until August, 3 to 4 feet. Pkt 10c.

313 **Formosum**—Two feet high; flowers in large spikes of exquisite blue and white. Pkt 5c.

314 **Pillar of Beauty** (*D. formosum coelestinum*)—An unusually pretty color—a delicate azure or sky blue, so bright and pretty a shade that it has to be seen to be appreciated. Pkt 10c.

315 **Belladonna** (Everblooming Hardy Larkspur)—Flowers turquoise blue. Pkt 20c.

316 **Nudicaule**—Of dwarf compact growth, producing flowers varying in color from light scarlet to crimson. Pkt 10c.

317 **Sinense**—Two feet high, flowering in loose clusters sky blue, white or pink, excellent for bouquets. Pkt 5c.

318 **Perennial Hybrids**—Double and single mixed. Pkt 10c.

DIANTHUS or PINKS

A magnificent genus, combining some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The hardy biennials and Japanese varieties bloom the first season, the same as hardy annuals, height one foot. The hardy perennial varieties are very fragrant and of easy culture in the garden or greenhouse.

SINGLE ANNUAL VARIETIES

319 **Crimson Belle**—Very fine, large rich crimson flowers. Pkt 10c.

320 **Eastern Queen**—Beautifully marbled, with broad bands of reddish lake upon petals, most valuable. Pkt 10c.

321 **Salmon Queen**—Its flowers are of a very distinct and perfectly new tint in this class. They are of the most brilliant salmon color imaginable, changing into a salmon-rose when fading. The flowers are well formed and nicely fringed. Pkt 10c, 3 pkts 25c.

DOUBLE ANNUAL VARIETIES

322 **Fireball** (new)—Brilliant scarlet, double. Pkt 10c.

323 **Imperial Pinks**—*Imperialis*, fl. pl.—About six inches high, in great variety of shades. Pkt 5c, oz 50c.

324 **China or Indian Pinks**—*Chinensis*, fl. pl.—About 12 inches high, of robust growth, extra double flowers, in great variety. Pkt 5c, oz 40c.

325 **White Frill or Mourning Cloak**—Double flowers of large size, rich purple maroon, almost velvet black, edged white. Pkt 10c.

326 **Carnation striped, double China Pinks**—*Coronatus*, fl. pl.—Pkt 10c.

327 **Japan Pinks**—*Heddeiwigii Hybridus*, fl. pl.—Robust, growing exceedingly large, distinct, showy flowers. Pkt 5c.

328 **Double White Heddeiwigii**—Very large double white flowers. Pkt 10c.

329 **Diadem Pinks**—*Heddeiwigii Diadematus*, fl. pl.—Extremely double, large flowering, beautiful shades. Pkt 10c.

330 **Fringed Pinks**—*Laciniatus*, fl. pl.—Very large double fringed flowers. Pkt 10c.

331 **Snowdrift**—1 foot high, large white flowers, very double. Pkt 10c.

HARDY PERENNIAL VARIETIES

332 **Single Sweet William**—*Barbatus*—One foot high, fine variety of colors, single mixed. Pkt 5c, per oz 30c.

333 **Double Flowering Sweet William**—*Barbatus*, fl. pl.—Brilliant variety mixed. Pkt 10c, per oz 60c.

334 **Plumaris**, fl. pl.—Double flowered, pheasant-eyed pink; exquisitely fragrant. Pkt 10c.

335 **Superbus Nanus**—Double white dwarf, an excellent and profitable variety for florists and for bedding out. Pkt 10c.

336 **Collection**—One pkt each, ten distinct varieties of *Dianthus*, annual, biennial and perennial, 75c.

ECHEVERIA

337 **Metallica**—A dwarf, succulent, greenhouse perennial, for bedding out during summer, with broad bronze fleshy leaves. Pkt 25c.



Annual Larkspur



Double Sweet William. Pkt 10c.

ESCHSCHOLTZIA (California Poppy)

Very showy hardy annual, flowering abundantly until very late in autumn, similar to poppies of dwarf growth, succeeding in any soil.

	Per Pkt
338 Californica —Orange.....	5
339 Rose colored	5
340 White	5
341 Mandarin —Brilliant scarlet, distinct....	5

ECCREMOCARPUS (Calampelis)

342 Scaber —A rapid-growing tender annual, with pretty foliage and clusters of handsome scarlet flowers.....	10
---	----

ERYTHRINA (Coral Plant)

343 Crysta Galli —An ornamental, half-hardy perennial shrub, fine for outdoor summer decoration, with beautiful foliage and superb spikes of scarlet pea-shaped flowers; 5 feet high.....	10
--	----

EUPHORBIA (Snow-on-the-Mountain)

344 Variegata —Half-hardy annual, 1½ feet high, showy, excellent for border.....	10
345 Heterophylla —(The gorgeous Annual Poinsettia), "Mexican Fire Plant," or "Fire-on-the-Mountain." 3 pkts for 25c..	10

**Eschscholtzia****EVERLASTING** (Mixed)

346 A single packet will supply a great variety of the most attractive Everlasting Flowers. 3 pkts for 25c.....	10
Everlasting Pea (See Lathyrus).	
Evening Primrose (See Enothera)	

FERNS

347 To raise them from seed is very interesting; full directions are printed on the packages. A choice mixture of hardy kinds....	15
Collection of Ferns —Twelve varieties, \$1.50.	
Feverfews (See Matricaria). Four O'clocks (See Marvel of Peru).	

FRAGARIA

348 Indica (Indian Strawberry)—A yellow-flowering, half-hardy, perennial, producing pretty scarlet but tasteless fruit in succession almost during the whole year; a desirable plant for hanging baskets	10
---	----

FREESIA

349 Refracta Alba —Very easily grown bulbs, which can be readily produced from seed. The flowers are pure white with yellow throat and exquisitely fragrant. Three pkts 25c, or.....	10
---	----

FORGET-ME-NOT**Forget-Me-Not**

are large and of a bright azure blue with yellow centres. The plants form neat bushes completely covered with flowers, a valuable variety for cut flowers and pot culture.....	
352 Semperflorens —A charming dwarf Forget-me-not, continuing in bloom from early spring until autumn; blue, 8 inches.....	10
353 Compact Blue —9 in. high.....	10
354 Dark Blue (azorica)—Flowers half an inch across; rich turquoise blue, without eye.....	10
355 White Flowering	10
356 Clear Blue (dissitiflora)—One of the best of all the Forget-me-nots. It is of a remarkably compact habit, profuse bloomer, having the appearance, when in full flower, of a sheet of exquisite blue.....	10
357 Palustris —Beautiful blue flowers, 1 ft. suitable for swamp ground..	5

FUCHSIA

358 (Lady's Ear Drop). A pre-eminently beautiful popular greenhouse or parlor plant. Variegated mixed.....	25
--	----

GERANIUM

359 Zonale —Scarlet sorts mixed.....	10
360 Double, Mixed —This seed will produce a large percentage of double flowers of extra fine colors.....	25
361 Apple-Scented —This fragrant variety can only be grown from seed to form fine plants.....	15
362 Pelargonium, Mixed —From fancy and spotted varieties.....	25

GILIA

Hardy annual; very free flowering suitable for growing in masses.

363 Achillæfolia Rosea —2 ft. high, rosy flowers.....	5
364 Capitata —2 ft., sky blue.....	5
365 Tricolor —1 ft., white, lilac and purple.....	5

GAMOLEPIS

366 Tagetes Pumila —Half-hardy annual, 1 ft., feathered foliage and dark yellow flowers.....	10
---	----

GENTIANA

367 Acaulis —Short stemmed, hardy perennials, much used for edging; flowers dark blue.....	10
---	----

**Gaillardia Picta Lorenziana****GAILLARDIA** (Annual)

Splendid showy annuals, remarkable for the profusion, size and brilliancy of their flowers; continuing in bloom from early summer until late in fall; excellent for beds, borders or for cutting.

368 Picta Grandiflora —The largest flowering variety of these popular annuals, very showy, many colors mixed.....	10
369 Picta Lorenziana —The ray and disc flowers of this new variety develop into tubular funnel-shaped florets one above another....	10

GAILLARDIA HYBRIDA MAXIMA (Perennial)

These are the choicest of hardy perennials; flowers are large, numerous, excellent for cutting, and of brilliant shades of orange, crimson, scarlet, and vermilion, and very often a combination of all these colors in one flower.

370 Single Mixed Perennial	10
371 Semi-double Perennial	10

GLAUCIUM (Horn Poppy)

372 Corniculatum —Ornamental, hardy, robust, perennial foliage plants, bordering.....	10
--	----

GLOBE AMARANTH (Gomphrena Globosa)

Handsome favorite, hardy everlasting annuals, flowering freely the whole summer.

373 Bright Purple —Flowers 18 ins. high	5	375 Variegated	5
374 White	5	376 Orange Yellow ...	5

GLOXINIA (Hybrida Crassiflora)

Bulbous-rooted plants, producing in great profusion during summer months large bell-shaped flowers of the richest and most beautiful variety of brilliant colors. The bulbs must be kept warm and dry during the winter; 1 foot.

377 **Grandiflora**, with erect flowers—A mixture of the finest spotted and blotched varieties. Pkt 25c.

For Gloxinia bulbs see page 71.

GREVILLEA
(Silk Oak)

378 **Robusta**—Very beautiful and graceful foliage highly valued as a decorative plant for table and tropical lawn effects, tender perennial, 3 to 5 feet Pkt 10c.

**Gloxinia Grandiflora****GODETIA**

Ornamental hardy annuals, 2 feet, various shades of lilac and purple.

379 Insignis —Large flowered, mixed.....	5
380 Lady Albemarle —Crimson, edges of the petals suffused with pale lilac, dwarf.....	5
381 Lady Satin Rose —Unequalled for brilliancy and richness of colors. The flowers are of a brilliant deep very rosy pink, the surface shining like satin.....	5
382 Crimson Glow —Compact, 9 inches high, intense crimson flowers.	15

GOLDEN FEATHER (See Pyrethrum)

GRASSES (Ornamental)

383 Briza Maxima	5	387 Lagarus, Ovatus (Hare's Tail Grass).....	5
384 Bromus Brizaeformis (Brome Grass).....	5	388 Stipa Pennata (Feather Grass).....	10
385 Coix Lachrymae (Job's Tears).....	10	389 Ornamental Grasses —Mixture.....	10
386 Gynerium Argenteum (Pampas Grass).....	10		

GOURDS (Ornamental)



Ornamental Gourds

- 390 **Angora**—The foliage is dense and the fruits are spotted white of the most curious shapes and colors. They are very desirable. Pkt 5c, oz 30c.
- 391 **Flat Corsican**—Fruit in form of flat bottles. Pkt 5c, oz 30c.
- 392 **Dipper or Syphon**—Pkt 5c, oz 30c.
- 393 **Herculean Club**—Fruit like large clubs. Pkt 5c, oz 30c.
- 394 **Bottle**—Pkt 5c, oz 30c.
- 395 **Orange**—Pkt 5c, oz 30c.
- 396 **Pear**—Pkt 5c, oz 30c.
- 397 **Striped Flat**—Green striped, very pretty. Pkt 5c, oz 30c.
- 398 **Nest Egg**—Pkt 5c, oz 25c.
- 399 **Serpent**—Fruit from 5 to 6 feet in length, which when ripe becomes a brilliant carmine color. Pkt 10c, oz 40c.
- 400 **Mixture of the above**. Pkt 5c, oz 25c.

Customers' Selection of 6 Pkts 25c.

GYPSOPHILA

Hardy annuals or perennial plants, producing multitudes of tiny white flowers, extremely neat in bouquets.

- 401 **Elegans, Mixed**—Annual, 2 feet high. Pkt 5c.
- 402 **Paniculata** (Baby's Breath)—White, fine for bouquets, perennial. Pkt 5c.

HELIANTHUS or SUNFLOWER

- 403 **Nanus, fl. pl.**—Dwarf variety, about 2½ feet high, flowers very double, rich golden yellow, 5 to 7 inches across. Pkt 5c, oz 30c.
- 404 **Annuus, fl. pl.**—Tall, large and very double. Pkt 5c, oz 30c.
- 405 **Double Chrysanthemum-Flowered**—An excellent plant for the lawn, shrubberies or any other place where color effect is desired. The plants grow 6 or 7 feet high, and produce a great number of double flowers of various sizes. Pkt 5c, oz 15c.

406 **Ever-Blooming "Stella"**—This new annual 3 to 4 feet high, produces its flowers in the greatest abundance all through the summer till late in the fall. They are 2½ to 3 inches across, borne on long stems, purest golden yellow with a black disc. Pkt 5c.

407 **Cucumerifolius, Miniature Sunflower**—Small flowered, dwarf, single sunflower, rich yellow, an abundant bloomer. Pkt 5c.

408 **Oculatus, fl. pl.**—Very double, tall, yellow, green centre. Pkt 5c.

409 **Globosus Fistulosus**—Flowers from 12 to 15 inches in diameter, globular and extremely double, most effective of all annual Sunflowers. Pkt 5c, oz 20c, ¼ lb 60c.

410 **Mammoth Russian**—As the name implies, of gigantic dimensions both of flower and stalk; seeds are used largely for chicken feed. Pkt 5c, ¼ lb 10c, lb 25c.

411 **Perennial**—A mixture of the finest single flowering hardy perennial sorts. Seeds sown early will produce flowering plants the first year. Pkt 10c.



Double Chrysanthemum-Flowered Sunflower. Pkt 5c.

HELICHRYSUM (Everlasting)

- 412 **Golden Ball**—1 foot high, bright yellow flowers. Per pkt 5c.
- 413 **Snowball**—White flowers. Per pkt 5c.
- 414 **Fireball**—Scarlet flowers. Per pkt 5c.
- 415 **Dwarf Mixed**—(Compositum minimum)—Quite distinct. Per pkt 5c.
- 416 **Tall Double Mixed**—(Monstrosum fl. pl.)—3 feet high. Per pkt 5c.

HELIOTROPE

417 **Lemoine's Giant Hybrids**—their fragrance is delicious and powerful. The colors are from pure white through all shades of violet and blue to deep indigo. Per pkt 10c, 3 pkts for 25c.



Heliotrope Peruvianum Pkt 10c.

418 **Peruvianum**—Popular indoor or greenhouse plant of low growth and deliciously fragrant purplish-blue or lilac trusses of delicate flowers. Mixed. Pkt 10c.

HELIPTERUM

419 **Sandfordii**—Pretty dwarf everlastings, with bright yellow flowers, Half-hardy annuals. Pkt 10c

HIBISCUS

A hardy free flowering annual, 2 feet high, straw colored flowers, with prominent dark spots at the base, very desirable for mixed beds of flowers.

420 **Africanus**—(Calisurus). Pkt 5c.

421 **Syriacus**—(Double Rose of Sharon)—White and purple. Pkt 10c.

422 **Crimson Eye**—Pure white with a large spot of velvety crimson in the centre of each flower; hardy perennial. Pkt 10c.

HESPERIS or ROCKET

(Dame's Violet)

423 **Matronalis**—Popular hardy, fragrant flowering, perennial, 2 feet high. Mixed colors. Pkt 5c.



Japanese Variegated Hop Pkt 10c, 3 for 25c.

HOPS

424 **Japanese Variegated**—The first color is bright deep green distinctly marked and blotched with silvery white tinged with yellow; now and then a leaf will be almost snowy-white, and another one not far away, almost green. Pkt 10c, 3 for 25c.

425 **Humulus Japonicus**—Green-leaved Japanese hop. Pkt 5c.

HONESTY

426 **Lunaria Rediviva**—Hardy biennial, admired for its silvery seed pouches, which are used for house ornaments. 2 feet high. Pkt 10c.

HUMEA

427 **Elegans**—Red, 3 feet high. A remarkably handsome plant, invaluable for decorative purposes; in the centre of beds it is most effective; half-hardy biennial Pkt 10c

HUNNEMANNIA

428 **Fumariæfolia, Bush Eschscholtzia** (Yellow Tulip Poppy)—The plants grow into a shrubby bush, 2 feet high, and produce large cup-shaped flowers, 3 inches across on stems 12 inches long. The color is of clear, bright yellow, the petals are broad and crinkled, like crushed satin. The flowers keep in water for two weeks. Pkt 10c.

IPOMÆA—(See Morning Glory and Cypress Vine).

ICE PLANT—(See Mesembryanthemum).

IMPATIENS SULTANI

429 **Zanzibar or Sultan's Balsam**—Planted in open ground in June it grows luxuriantly, flowers with the greatest profusion. Brilliant rosy scarlet. Pkt 15c.

IPOMOPSIS (Standing Cypress)

Stems 2 feet high. Remarkably handsome, free flowering, half-hardy biennials for indoors, flowering the second year in different tints of bright orange scarlet.

430 **Elegans**—Mixed, pkt 5c.

KALANCHOE CARNEA

431 This beautiful decorative plant attains a height of about 18 inches and is of a good bushy habit. The pink flowers are of wax-like consistency, last a long time in perfection and are deliciously fragrant. Pkt 20c.

KAULFUSSIA

432 **Ameloides**—A pretty dwarf hardy annual, 6 inches high, dark purple, daisy-like flowers, desirable for early summer flower beds. Pkt 5c.

KOCHIA (Burning Bush)

433 **Tricophylla**—Popularly known as Belvidere or Summer Cypress; an annual, 2½ feet high, of dense, close growth, resembling a clipped evergreen; completely covered in the fall with crimson flowers. Pkt 10c.

LANTANA

434 **Hybrida**—Fine mixed. A rapid-growing indoor shrub, for bedding during summer, 3 feet; flowers in heads of yellow, pink, orange or changeable colors. Pkt 5c.

LARKSPUR—(See Delphinium).

LAVATERA

435 **Hybrida**—Handsome, free flowering, upright growing hardy annual, of the Mallow tribe, crimson rose flowers. Pkt 5c.

LAVENDER

436 A hardy plant, bearing spikes of blue flowers, which are cut and dried for their fragrance; perennials from 1 to 2 feet. Pkt 5c.

LAYIA

437 **Elegans**—A pretty and attractive little hardy annual, for cut flower purposes. The rays of the flower heads are bright yellow with white tips. Pkt 10c.

LILY OF THE VALLEY

438 (Convallaria). Pkt 10c.

Lemon Verbena—(See Aloysia)



Kochia Tricophylla Pkt 10c. (very ornamental)

HOLLYHOCKS

(Althæa Rosea)

One of the grandest summer and autumn flowering plants, bearing long spikes of double white, red, pink and yellow flowers, 3 to 4 inches across. Hardy biennials, 5 to 8 feet high. The seed we offer has been saved from our unrivalled collection of choicest improved double varieties.

439 **CHATER'S DOUBLE MIXED**—Most beautiful variety. Pkt 10c.

440 **Chater's Double White**—Pkt 10c.

441 **Chater's Double Yellow Shades**—Pkt 10c.

442 **Chater's Bright Red**—Pkt 10c.

443 **Chater's Bright Pink**—pkt 10c.

ALLEGHANY HOLLYHOCKS—The flowers of this variety are from 4 to 6 inches in diameter, running from semi-double to double. The colors are shell pink, rosy and ruby red.

444 **Mixed**—Pkt 10c, 3 for 25c.

Hollyhocks—Chater's Prize Collection, 1 pkt each, 12 distinct colors, 75 cents.

For Hollyhock plants to flower this year, see plant list.

LOBELIA**Dwarf or Compact Varieties**

Little round, compact plants fine for edgings, ribbon beds, etc., 4 to 6 inches high.

445 **Prima Donna**—A charming novelty; in habit dwarf and compact, rich, velvety, crimson maroon flowers. Pkt 10c, 3 for 25c.

446 **Crystal Palace**—Dark blue, fine for beds. Pkt 10c.

447 **White Gem**—Pure white, compact habit. Pkt 10c.

448 **Emperor William**—Blue, white eyes. Pkt 10c.

448a **Duplex**—Semi-double, blue. Pkt 10c.

TRAILING VARIETIES.

Branching plants for hanging over vases and baskets, 6 to 9 inches high.

449 **Gracilis**—Light blue, slender stems, grown for baskets. Pkt 5c.

450 **Erinus Grandiflora Stellata, or Paxtoniana**—Large blue flowers white eye. Pkt 10c.

451 **Erinus Speciosa**—Large, free flowering, sky blue, white centre. Pkt 10c.

HARDY PERENNIAL VARIETIES.

452 **Fulgens** (Queen Victoria)—Beautiful border plant, with brilliant scarlet flowers and metallic crimson foliage. Pkt 10c.

453 **Cardinalis**—Scarlet, native of Canada. Pkt 10c.

LIMNANTHES

454 **Douglas**—Easily grown, free flowering, slightly fragrant plants excellent for beds or edgings in damp, shady places; hardy annuals. Pkt 10c.

LINARIA

(Kenilworth Ivy)

Very pretty, hardy annual or perennial, trailing or low growing plants.

455 **Alpina**—Perennial, lilac shaded. Pkt 10c.

456 **Cymbalaria** (Kentucky or Kenilworth Ivy)—Perennial, purple and white. Pkt 10c.

457 **Hendersonii**—Annual. 1 foot high; lilac and yellow shaded flowers. Pkt 5c.



Chater's Extra Double Hollyhock. Pkt 10c.



Kenilworth Ivy. Pkt 10c.
(Linaria Cymbalaria)

LINUM (Flowering Flax)

Free flowering hardy annual or perennial.

458 **Grandiflorum Rubrum**—Crimson. Pkt 5c.

459 **Perenne**—Perennial blue. Pkt 5c.

LOPHOSPERMUM

460 **Scandens**—Exceedingly beautiful and highly ornamental genus of climbers, handsome, showy foxglove-like flowers; half-hardy annual or biennial. Rosy purple flowers. Pkt 10c.

LOVE-IN-A-MIST (Devil-in-the-Bush)

461 **Nigella Damascena**—Popular hardy annuals of low growth, handsome in bouquets. Blue and white mixed. Pkt 5c.

LUPINUS or LUPIN (Sun Dials)

Desirable plants for bedding and bouquets, long graceful flower spikes richly colored pea-shaped flowers, white, blue, rose, yellow, etc.

462 **Mixed Annual Varieties**—Pkt 5c.

463 **Perennial Mixed Blue and White**—Pkt 5c.

LYCHNIS

Beautiful hardy, biennial and perennial plants, 3 feet high, remarkably conspicuous heads of brilliant scarlet-shaded flowers.

464 **Chalcedonica**—Perennial, bright scarlet flowers. Pkt 5c.

465 **Grandiflora Gigantea**—A variety of the preceding of dwarf nature, and with many large flowers. Pkt 10c.

MALVA

466 **Moschata Alba**—(White Musk Scented Mallow)—An attractive garden plant; grown into a pyramidal bush; produces numerous white flowers size of a silver quarter. Thrives best in a warm situation. Pkt 10c.

MALOPE

A favorite hardy annual, 3 feet high, with large conspicuous flowers of the Mallow tribe.

467 **Grandiflora**—White and rose, mixed. Pkt 10c.

MARTYNIA

Handsome, tropical appearing annuals, for outdoor cultivation during summer, being raised indoors; 2 feet high, large leaves and trumpet-shaped flowers, producing curiously shaped seed pods, like horns.

468 **Formosa**—Mixed. Pkt 5c.

MARVEL OF PERU

(Four O'clock)

469 (Mirabilis Jalapa)—Beautiful half-hardy annuals, 3 feet high; flowers are fragrant, especially in the evening. In many shades of white, red, yellow and blue, mixed. Pkt 5c.

MARIGOLD

Popular hardy annual border plants of magnificent effect; varying in height, form and color of flowers, but always being showy, desirable border plants.

470 **Eldorado, Tall** (Double African)—The handsomest of the Marigolds, its colors ranging from palest yellow to the deepest orange; flowers large, almost round, and very double. Pkt 10c.

471 **Dwarf Double African**—1 foot high, orange color. Pkt 5c.

472 **Tall Double African**—2 feet high, orange color. Pkt 5c.

473 **Tall Striped Double French**—2 feet high, yellow flowers, with a broad stripe on each petal. Pkt 5c.

474 **Dwarf Double French**—1 foot high, flowers velvety brown, finely edged yellow. Pkt 5c.

475 **Gold Nugget, Double French**—Dwarf, dense growth, and immense double flowers, which are of a peculiar shade of golden yellow. Pkt 5c.

476 **Legion of Honor, French**—The plants grow 9 inches high, and will bloom from the middle of summer until late in fall. Flowers rich golden yellow marked with velvety brown. Pkt 10c.

MATHIOLA (Evening Scented Stock)

477 **Bicornis**—A desirable half-hardy annual, 1 foot high, bushy, with rosy lilac flowers of a delicious perfume, especially in the evening. Pkt 5c.

MATRICARIA (Feverfew)

Hardy perennials, flowering the first year, with daisy-like double white flowers, 1 foot high.

478 **Capensis, fl. pl.** (Bridal rose)—double white, daisy-like flowers. Pkt 5c.

479 **Eximia Nana Aurea Crispa, fl. pl.**—Dwarf growing with golden yellow leaves exquisite for bordering. Pkt 10c.

MAURANDIA

480 **Maurandia, mixed blue shades and white**—The prettiest half-hardy climbing plants in cultivation, for trellises outdoors, or for greenhouse or parlor culture. Pkt 10c.

481 **MELILOTUS — Suaveolens**—Sweet Clover. Pkt 5c.

MELOTHRIA

482 **Punctata** (African Oak-leaved climber)—A magnificent, rapid-growing climbing annual. Flowers are succeeded by great numbers of blue-brown berries. Pkt 25c.



Dwarf Double French Marigold



Flowering Flax. Pkt 5c.



Lobelia, Crystal Palace Compacta.
Pkt 10c.

MIGNONETTE

(Reseda Odorata)

Most popular fragrant flowering hardy annuals of spreading habit and graceful in appearance; indispensable in every garden.

483 **Large Flowered**—sweet scented. Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c, lb \$1.25.

484 **Mile's Spiral**—Of dwarf habit, branching, large flowered spikes. Pkt 10c.

485 **Parson's White**—Stamens white, flowers large and fragrant. Pkt 10c.

486 **Golden Queen**—An entirely distinct sort of dense pyramidal habit, with golden yellow flowers, which give it a most attractive appearance. Pkt 5c.

487 **Gabrielle**—New, red, very sweet, spikes very thick. Pkt 5c.

488 **Bismark or Improved Machet**—The flowers are borne on long stems, high above the thick, dark green, somewhat corrugated foliage, the bushes do not exceed one foot in height, very sweet scented. Pkt 10c, 3 for 25c, oz 60c.

Machet Mignonette Pkt 10c.

the flowers are of a reddish hue, and very sweet scented. Pkt 10c, 3 for 25c, oz 60c.

489 **Defiance**—When grown under favorable conditions and with proper care, its spikes will not only be of remarkable size—from 12 to 15 inches long—but deliciously fragrant. The individual florets are of large size and stand out boldly. Pkt 10c, 3 for 25c, oz 60c.

490 **The Prize**—This is a very distinct variety the flowers being unusually large as well as remarkable for their beautiful color and delicious fragrance; flowers light red. Pkt 10c.

491 **Machet**—Vigorous dwarf pyramidal plants, very stout flower stalks, with numerous dark green leaves, terminating in long spikes of deliciously scented red flowers. Best for pot culture and valuable for borders. Pkt 10c, oz 60c.

492 **Giant Red, or Paris Market**—Its enormous flower spikes are of the largest size, the individual blossoms of an intense red color are very sweet scented. One of the best for cut flowers and pot culture. Pkt 10c.

MESEMBRYANTHEMUM

A pretty little trailing plant, the leaves of which are covered with crystalline globules; half-hardy annual.

493 **Crystallinum**—Ice plant. Pkt 5c.

494 **Tricolorum**—Dew or wax plant. Small pink flowers. Pkt 5c.

495 **Cordifolium**—Large rosy purple flowers, good for hanging baskets, heart-shaped variegated leaves. Pkt 5c.

MUSA ENSETE (Abyssinian Banana)

496 A splendid plant for the open air in summer, producing a most striking effect when planted singly or in groups. In our hot summers it luxuriates and attains gigantic proportions when freely supplied with manure and water. The seeds germinate easily if started in hot-bed or bottom heat in greenhouse. Tender perennial, 10 to 20 feet. Pkt of 5 seeds. 25c.

MOONFLOWER

497 **Ipomœa Noctiflora**—Bears in the greatest profusion its lovely white flowers, 5 to 6 inches in diameter, with five-pointed star in the centre, flowers open at dusk or earlier on cloudy days; deliciously fragrant. Start early in the house and set out as early as safe in the spring. Pkt 10c.

MIMULUS (Monkey Flower)

Extremely handsome, dwarf growing, half-hardy biennials with delicate large beautifully tinted flowers, requiring shelter from the midday sun to bring them to perfection.

498 **Cupreus**—Spotted and blotched flowers on yellow ground. Pkt 5c.

499 **Simmers' Mammoth**—unequaled for beautiful colors. Tigered and spotted. Pkt 15c.

500 **The Emperor**—The flowers are remarkably rich and varied in color, of a semi-double appearance. Pkt 15c.

Mimulus Moschatus—(See Musk Plant).

MINA LOBATA

One of the handsomest climbers.

501 A charming Mexican climber which somewhat resembles the Cypress Vine, except in color and shape of flowers, which are tubular-shaped, borne on fork-like racemes. Seed must be sown early. Pkt 10c.

MOMORDICA

(Balsam Apple)

502 **Momordica Balsamina**—A trailing or low-climbing, half-hardy annual, the fleshy fruits infused with sweet oil, being famous for curing wounds. Pkt 5c.

MUSK PLANT

503 **Musk (Mimulus Moschatus)**—This fragrant and universally favorite little plant with its yellow flowers, is well known and is equally at home in sitting-room, green-house or garden, half-hardy perennial, 9 inches high. Pkt 5c.

MORNING GLORY (Ipomœa)

Magnificent hardy annual climbers, very free flowers, trumpet-shaped, rich shades.

504 **Morning Glories, all colors mixed**—Pkt 5c, oz 15c, 2 oz 25c, 1 lb 40c.

505 **Mexican Mixed**—Large flowering. Pkt 5c.

506 **Variegated Leaved**—With silvery white marbled leaves, distinct. Pkt 10c.

507 **Coccinea**—Scarlet, feathered leaves. Pkt 10c.

508 **"Heavenly Blue" or Sky Blue Mexican**—Foliage very large, heart-shaped; flowers 4 to 6 inches across in large clusters, light blue with a yellow throat suffusing softly into blue. Also a splendid conservatory climber. Pkt 10c.

509 **Leari, "The Blue Dawn Flower"**—Most beautiful bearing clusters of the most lovely sky-blue flowers 5 to 6 inches across. Pkt 10c.

For the newer varieties of Morning Glory see Novelties.

510 **Nemesia Strumosa Suttoni**—A splendid annual for small beds with very attractive flowers, the colors include white, yellow, orange, pink, and crimson.

Finest mixed. Pkt. 20c.

**Nemophila**

514 **Sanderae, Hybrids**—A splendid type in a great variety of colors.

Pkt. 10c, 3 for 25c.

515 **SYLVES-TRIS**—Annual of robust, branching habit, about 3 or 4 feet high; foliage large and dark green; flowers pure white. The flowers emit a very delicious perfume.

Pkt 10c, 3 pkts 25c.

516 **COLLOSEA**—Attains a height of 5 to 6 feet during one summer; immense leaves, at first rose and violet, afterwards changing to deep green with red veins.

Pkt 10c, 3 pkts 25c.

**Morning Glories.** Pkt 5c.**NEMOPHILA (Love's Grove)**

Of neat, compact habit, blooming freely all summer. If thinned to 4 in. apart the plants will present a dense mass.

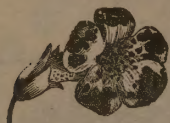
511 **Mixed**—Blue, white, violet, etc. Pkt 5c.

NICOTIANA (or Tobacco Plant)

The following are very ornamental half-hardy annuals and are very desirable.

512 **Grandiflora Purpurea**—Large massive foliage, dark purple, red flowers. Pkt 5c.

513 **Affinis (Sweet-scented Tobacco Plant)**—Produces an abundance of large, pure white flowers that expand fully in the morning and evening, emitting a delicious fragrance. Pkt 5c.

**Nicotiana Affinis****Monkey Flower**
(Mimulus Cupreus). Pkt 5c

SIMMERS' SUPERB NASTURTIUMS

TALL OR CLIMBING VARIETIES

Elegant and luxurious climbers for verandahs, trellises, etc., bearing their gorgeous flowers in profusion until killed by frost. May be used to cover unsightly railings and to trail over rough ground with fine effect. The seed pods can be gathered while green and tender for pickling. 6 to 10 feet. (See cut).

517 Simmers' Special Tall Mixture—Pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

518 Chameleon—Color changeable.

519 Dark Brown—Crimson.

520 Edward Otto—Brownish lilac.

521 Golden Leaved—Scarlet flowers.

522 Heinemann—Silky bronze chocolate.

523 Hemisphaericum—Fine, orange.

524 Jupiter—Rich pure yellow.

525 Moltke—Bluish pink.

526 Pearl—Creamy White.

527 Prince Henry—Cream color, spotted red.

528 Regelianum—Violet crimson.

529 Scheurmanni—Straw color, striped yellow and crimson.

530 Schillingi—Bright yellow, maroon blotches.

531 Vesuvius—Brilliant, fiery rose, very effective.

532 Yellow—Very fine.

Any of the above—Pkt 5c, any 6 pkts for 25c, oz 15c, 2 oz 25, $\frac{1}{4}$ lb 40c.

IVY-LEAVED TRAILING NASTURTIUM

533 Distinct in both leaf and flower. The leaf has the true Ivy shape, as well as the beautiful dark green metallic hue. Crimson-scarlet flowers, veined white and having narrow petals with feather edges. Profuse bloomer. Especially graceful in vases, window and verandah boxes. Pkt 10c, $\frac{1}{4}$ oz 15c, oz 25c.



MADAME GUNTHER HYBRIDS

534 For richness and variety of color these new Hybrids have no equals among Climbing Nasturtiums. Some of the most striking colors are as follows—white, shaded carmine on the edges, with deep maroon throat; golden-yellow, shaded brown on edges; yellow, shaded and mottled with carmine; white, with red blotches; shrimp pink, with deep maroon throat; shrimp pink, self-color; rose, bright rose, bright yellow, orange, and a great many other shades not found in any other mixtures, all contrasting beautifully with the dark foliage which predominates in this class.

Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c, lb \$1.50.

LOBBS' CLIMBING NASTURTIUMS

Tropaeolum Lobbianum

The brilliance and profusion in blooming of the Lobbianum varieties render them superior for trellises, arbors and vases, etc., also for greenhouses or conservatory decoration in winter; annual, 6 to 10 feet.

535 Asa Gray—Primrose yellow.

536 Atropurpureum—Purple violet flowers.

537 Brilliant—Dark scarlet.

538 Chaixianum—Yellow, spotted red.

539 Crown Prince of Prussia (Mutabile)—Bright scarlet.

540 Giant of Battles—Sulphur with dark red blotches.

541 Lucifer—Dark purplish crimson.

545 LOBBIANUM, FINEST MIXED—This mixture is composed of the finest and most distinct varieties in this grand free flowering type. Planted in masses it will produce most gorgeous effects. Pkt 5c, oz 10c, 2 oz 20c, $\frac{1}{4}$ lb 30c, lb \$1.00.

Hybrids of Madame Gunther Nasturtium

542 Napoleon III.—Golden spotted with brown.

543 Spitfire—Brilliant light scarlet.

544 Zandiri Nigrinum or King of the Blacks—Black maroon.

Any of the above—Pkt 5c, any 6 pkts for 25c, oz 25c, 2 oz 35c, $\frac{1}{4}$ lb 60c.

TOM THUMB, DWARF, OR BEDDING VARIETIES

The improved varieties of the Dwarf Nasturtium are among the most popular and beautiful of our garden plants. Their neat, compact growth, colored flowers and free-blooming and long lasting qualities, together with their adaptability to almost any soil or situation make them unsurpassed for garden decoration. 1 foot high.

546 Simmers' Special Dwarf Mixture—Pkt 5c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 35c, lb \$1.25.

547 Aurora—Deep Crome yellow, the two lower petals blotched and veined carmine.

548 Beauty—Scarlet, splashed canary.

549 Bronze Color—Coppery bronze.

550 Chameleon—Color changeable.

551 Cloth of Gold—Scarlet flowers and golden yellow foliage.

552 Crimson Rose-colored—Dwarf.

553 Crimson.

554 Empress of India—Very dwarf dark tinted foliage, flowers brilliant crimson.

555 King Theodore—Intense dark brown flowers.

556 King of Tom Thumbs—Scarlet.

557 Lady Bird—Orange yellow and red spots.

558 Pearl White—Cream color.

559 Prinz Heinrich—Cream color, spotted red.

560 Regelianum—Purple violet.

561 Ruby King—Crimson rose, distinct foliage.

562 Spotted King—Orange spotted crimson.

563 Yellow.

Any of the above—Pkt 5c, any 6 pkts for 25c, oz 20c, 2 oz 30c.



Tall or Climbing Nasturtium



Dwarf Nasturtium

SIMMERS' GIANT PANSIES

Valuable Information—On the culture of Pansies will be found in our Booklet, "Hints on Growing Flowers," sent free if requested with every \$1.00 order for Flower Seeds, or postpaid, 15c.



Type of our Giant Pansy.

The term "Giant Pansies" does not adequately describe these new strains, for, aside from the large size which gives them their name, their colorings are simply superb, and their form and substance perfect. The parent of most of these strains, the Trimardeau, when first introduced had only its size to recommend it, the flowers being limited in coloring, irregular in shape and lacking in firmness. By continued improvement one beautiful color after another has been added to the list, and perfected from season to season by careful culture. Through personal selection of the best European Pansy Cultures, we have again secured the cream of varieties from all quarters, combining with their giant proportions the most magnificent colorings.

- | | |
|---|--------|
| 612 Giant Adonis—Beautiful light blue, marked with a yellowish-white face and large dark blotches..... | Pkt 10 |
| 613 Giant Auricula Colors—Very beautiful shadings..... | 10 |
| 614 Giant Aureola—Lower petals crimson, upper petals whitish yellow, with broad carmine red margin..... | 10 |

- | | |
|--|--------|
| 615 Giant Beaconsfield—Purple, shading to white. This strain combined with the peculiar coloring of the type, will elicit general admiration..... | Pkt 10 |
| 616 Giant Canary Bird—The ground color is a bright golden yellow, each petal marked with a large dark blotch..... | 10 |
| 617 Giant Coal Black—Of immense size..... | 10 |
| 618 Giant Copper Color—A most distinct and showy combination.... | 10 |
| 619 Giant Dark Blue..... | 10 |
| 620 Giant Emperor William—Rich ultramarine blue, purple-velvet eye | 10 |
| 621 Giant Fire King—Brilliant red and yellow..... | 10 |
| 622 Giant Indigo King—Vivid true indigo blue color, darker in the centre and becoming lighter towards the edge..... | 10 |
| 623 Giant Mauve Queen—Pleasing mauve colors, lower petals blotches of bluish carmine..... | 10 |
| 624 Giant Purple—Royal purple flowers, very large..... | 10 |
| 625 Giant Siegfried—Five spotted, of rich brown shades, with clear white margin..... | 10 |
| 626 Giant Striped—A beautiful mixture, flowers striped and mottled in various tints on contrasting ground..... | 10 |
| 627 Giant Victoria—Blood red or wine color, with violet blotches.... | 10 |
| 628 Giant Violet Blue..... | 10 |
| 629 Giant Yellow or Golden Queen—Very showy color..... | 10 |
| 630 Simmers' Giant White "Snow Queen"—Most valuable addition, as it reproduces exactly from seed. We very strongly recommend it, not only for bouquets, but as a very valuable addition to the Pansy family. White, velvet centre..... | 10 |
| 631 Giant Pretiosa—Each petal has a violet blotch, surrounded by crimson rose ground with white edge. Pkt 15c, 2 for 25c. | |

632 **SIMMERS' GIANT PANSY MIXTURE**—This mixture embraces, besides all the shades and colors, two special strains not listed elsewhere in this catalogue, and which can only be had in this, our Giant Pansy Mixture. This mixture includes the richest reds, coppers and bronzes, together with the most delicate rose and pink shadings, all the distinct colors of Trimardeau, the splendid Cassier strain, with its delicate veining. We have secured the newest, richest and finest sorts. Pkt 15c, 2 for 25c, ½ oz \$1.00.

633 **Giant Paris Market**—The flowers of this strain are as large as the Trimardeau, and far superior in color and in substance of petals; the blotches are more conspicuous. Having a stout and stiff flower stem, the flowers last longer. Pkt 10c, 3 for 25c, ½ oz 60c.

634 **Giant Bugnot**—The flowers are of enormous size, perfectly round, of great substance, and of the most varied and attractive markings and colors. Each petal bears a blotch veined to the edge; contains shades of red, bronze and reddish brown, not found in any other pansy mixture. Pkt 20c, ½ oz 60c.

635 **Giant Masterpiece**—A remarkable type, the border of each petal being conspicuously curled or waved, giving the flower a doubled or globular appearance. All colors mixed. Pkt 15c, 2 for 25c.

636 **Giant Trimardeau**—Flowers large, with a dark blotch on the three lower petals. We recommend this as the best low-priced mixture of giant pansies. Pkt 10c, ½ oz 40c.

637 **Giant Cassier**—A mixture of large well-shaped flowers in choice variety, flowers marked with large blotches. Pkt 10c, ½ oz 60c.

638 **Giant "Butterfly"**—The flowers are very large, of good form and substance, and produced freely. They are mottled and spotted, streaked, tigered, and splashed, while the colors are mainly those rich wine reds, chocolate, velvety-brown, lavender, violet, and purple shades, only found in a pansy blossom. Best Fancy Scotch Seed, mixed colors. Pkt 25c,

Simmers' Collection of Giant Pansies

One pkt each of Giant White, Giant Cassier, Giant Bugnot, Giant Yellow, Giant Striped, Giant Violet Blue and Giant Copper Color, for..... **60c.**

PREMIUM PANSIES

While the giant-flowered Pansies are great favorites on account of the immense size of their flowers, Simmers' Premium Pansies excel in their endless variety of color, combined with perfection of form, and velvety texture and substance of their petals. This strain, most celebrated all over Europe is from a specialist who has devoted his life to the improvement of these flowers. No better strain of Pansies is to be had. It is impossible to describe them as they embrace all colors and markings.

- | | |
|---|--------|
| 639 Simmers' Improved Large Flowering Premium Mixture—Embracing all varieties named in the following list and many other shades and colors. ½ oz 60c..... | Pkt 10 |
| 640 Odier (Five blotched)—A magnificent French variety, petals having a large blotch; clearly defined margin; many colors: extra large, ½ oz 50c..... | 10 |
| 641 Gold Margined..... | 10 |
| 642 Velvety Crimson Purple..... | 10 |
| 643 Bronze Colored..... | 10 |
| 644 White Margined—Purplish-crimson..... | 10 |

- | | |
|---|----|
| 645 Quadricolor or Pheasant's Eye—Flowers are of a reddish steel blue, with red and white edge..... | 10 |
| 646 Dark Maroon—Gold margined..... | 10 |
| 647 Velvety Crimson—Golden yellow ground and margin..... | 10 |
| 648 Reddish Brown..... | 10 |



Type of Premium Pansy Mixture.
Pkt 10c.

- | | |
|--|----|
| 649 Pure Yellow—Fine for bedding..... | 10 |
| 650 Cardinal Red.... | 10 |
| 651 Peacock—The upper petals are royal purple, shot with peacock blue, lower petals the same. The two side petals are rich maroon, all being encircled with a delicate tint of terra cotta rose. | 10 |

SIMMERS' PREMIUM PANSIES

Collection of 12 separate beautiful sorts, 1 pkt each, 90c.

Collection of 6 separate beautiful sorts, 1 pkt each, 50c. Any 3 pkts 25c.

PETUNIAS

Our Strains of Single Petunias are the best obtainable.



Simmers' "Perfection" Extra Large Flowering Fringed Petunia. Pkt 25c.

Plants of Double Petunias are offered under the head of Plants. Page 77.

652 Simmers' "Perfection" Extra Large Flowering Fringed Mixed—This strain bears grand substantial flowers of the largest size and the colors are indescribably rich and varied. They embrace all colors, from pure white to the darkest blue and deep red, while even flowers with a yellow tint are not unusual. Most of the flowers are beautifully fringed, while all are distinctly veined. In nearly every flower the throat is darker than the balance of the petals, imparting an appearance of great depth and substance. The foliage is remarkably heavy, and the large leaves are of a dark green color. Pkt 25c.

653 Emperor—Very large, wide open blossoms, with colorings and markings very distinct from any other strain. The solid colors are particularly rich and velvety. Some of the crimson blossoms have pink stars, some pure white stars, others are distinctly striped. Pkt 15c, 2 pkts 25c.



Extra Mottled Strain Single Petunia. Pkt 10c.

654 White, Large Flowering—Extra choice, large flowering, white, useful for cemetery work. Pkt 10c.

655 Extra Mottled Strain—Large flowering, mottled and striped. Pkt 10c, 1/2 oz 30c.

DWARF PETUNIAS

656 Dwarf Inimitable—"Star Petunia"—Compact growing variety, flowers cherry-red with a white centre. Pkt 10c.

657 Snowball—Of dwarf, bushy habit, with an abundance of bloom. Flowers purest white. Pkt 10c.

DOUBLE FLOWERING

PETUNIAS

658 Simmers' Double Large Flowering Fringed Mixed

—Our new selected types have deeper and finer fringe, brighter and more delicate colorings, of purer tones and greater variety than ever before offered. It is well known that the double Petunia, grown from seed produces but a small percentage of double flowers. The balance are single flowers of the same rich shade. The weaker seedlings should be carefully selected, as these always produce double flowers. Pkt 50c.

659 Double "Snowball"—New double white. Pkt 50c.

660 Double Mixed—Seed from double flowers grown in pots. Pkt 25c.



Simmers' Double Large Flowering Fringed Petunia. Pkt 50c.



Shirley or Silk Poppy. Pkt 10c.



Oriental Hybrid Poppies

POPPIES

Most popular hardy annuals and perennials, with flowers of unusual brilliancy of color.

SINGLE ANNUAL VARIETIES

661 Tulip—A magnificent species; the plants grow about 14 inches high and produce from 50 to 60 large and splendid flowers of the most dazzling scarlet. Pkt 10c.

662 Persian (*Papaver Loevigatum*)—Color brilliant scarlet, with shining black spots surrounded by a clearly defined white margin at the base of each petal. Height 2 1/2 feet. Pkt 10c, 3 for 25c.

663 Peacock—The most striking feature of the flowers is the conspicuous glossy zone which marks the petals forming a complete ring. Pkt 5c.

664 Admiral—Glistening pure white with a brilliant scarlet around the top. Pkt 10c.

665 "Danebrog" or Maltese Cross—The flowers are of a dazzling scarlet color, each of the four petals is marked with a large, silvery-white blotch, forming a white cross upon scarlet ground. Pkt 10c.

666 Santa Rosa—Very delicate in color, petals beautifully crimped. Pkt 10c.

667 Shirley—These charming Poppies are generally single, or semi-double. They range in color from pure white through the most delicate shades of pale pink, rose and carmine to the deepest crimson. Pkt 10c.

DOUBLE ANNUAL VARIETIES

668 The Mikado (American Flag)—The petals are whole at the base while the edges are frilled in the most pleasing manner. The flowers are of a pure white at the back, while the fringed edges are of a brilliant scarlet. Pkt 5c.

669 Double French or Carnation Flowered—3 feet high, double. Pkt 5c, oz 25c.

670 Pæony Flowered—Flowers in color and sizes equal to Pæonies. Pkt 5c, oz 25c.

671 White Swan or Fairy Blush—18 inches high, enormous pure white double flowers. Pkt 10c, 3 pkts 25c.

672 Golden Gate—Exceedingly free blooming; the flowers single, semi-double and double, of medium size in the largest variety of colors imaginable. Pkt 10c, 3 for 25c.

673 Simmers' "Special" Poppy Mixture—Comprises not only all the above named and described Poppies, but also a number of other sorts, specially purchased for this mixture, including some entirely new ones. Will make a grand display. Pkt 10c, 3 for 25c, oz 40c.

Poppy Collection—10 varieties, double and single, 1 pkt each. 50c.

HARDY PERENNIAL VARIETIES

Iceland (*Papaver Nudicaule*)—These beautiful perennial Poppies produce flowers in great abundance the first year from seed. The colors range from the purest white and yellow to the deepest glowing orange scarlet and have a delicious fragrance.

674 White. Pkt 10c.

676 Orange. Pkt 10c.

675 Yellow. Pkt 10c.

677 Mixed. Pkt 10c.

678 Oriental Hybrids (Oriental Poppy)—The colors range from soft flesh and rose to the most dazzling scarlet and richest maroon purple. The flowers are often 6 inches across and endure the longest of any poppy we know. Hardy perennials. Pkt 10c.

679 The Great White California Poppy (*Romneya Coulteri*)—Perennial of stately beauty. Flowers are large, 4 to 5 inches across, pure white with a fine bunch of yellow stamens. Height, 6 to 8 feet. Pkt 10c.



Chinese Primrose. Pkt 25c.

The Chinese Primrose seed we offer is of the highest merit, and has, as usual, been saved from the best strains obtainable.

CHINESE PRIMROSE

For house culture as well as for the greenhouse no plant is more acceptable than this class, as it can be made to yield an abundance of flowers all the year round.

680 **CHINESE PRIMROSE MIXED**—The culture of these lovely flowers is much easier than most people think. Our mixture includes only the choicest colors of the single flowering Primulas in all their dainty shades. Pkt 25c.

681 **Erecta Superba**—White fringed, borne in bunches well above the foliage. Pkt 25c.

682 **Kermesina Splendens**—Deep pink, fringed. Pkt 25c.

683 **Snow Queen**—Finest pure white flowers of large size, thrown well above the foliage. The flowers are of good substance and elegant form. Pkt 35c.

684 **Carter's Holborn Blue**—A distinct variety, with azure-blue flowers borne above the foliage. Pkt 25c.

685 **Fern-Leaved**—(*Macrophylla Fimbriata*)—With long, massive fern-like foliage and beautiful flowers of great substance and elegant form, finely fringed, great variety of colors, mixed. Pkt 25c.

686 **Punctata Elegantissima**—Crimson, spotted white Pkt 25c.

687 **WILLIAMS' PRIZE**—Dark red, large fringed flowering; extra fine for pots. Pkt 25c.

688 **Chiswick Perfection Red or Magenta Queen**—Large brilliant scarlet. Pkt 25c.

689 **Alba Magnifica**—The finest pure white variety; flowers 2½ inches across with large yellow eye. Pkt 25c.

690 **Stellata**—(Star Primrose)—The plants remain in flower for a long time, and are very generous bloomers. Finest mixed. Pkt 25c.

691 **Erecta Superba, Double White**—Double flowering variety of *Erecta Superba*, single; reproduces well from seed. Pkt 50c.

692 **Double Mixed**—Pkt 50c.

HARDY PRIMROSES

The popular garden Primrose is one of our earliest flowering hardy perennials, well suited for edging, and in a great variety of colors.

693 **Vulgaris**—The old-fashioned common yellow primrose. Pkt 10c.

694 **Japonica** (*Japanese Primrose*)—Of robust growth, rich magenta flowers. Pkt 10c.

695 **Cortusoides** (*Siberian Primrose*)—Early rose-purple flowering hardy perennial. Pkt 10c.

See also *Auricula*, *Cowslip* and *Polyanthus*



Primula Erecta Superba. (Double White)

VARIOUS PRIMULAS

696 **Obconica Grandiflora**—One of the most useful plants grown, if sown early in spring will begin to bloom in May or June, and continue throughout the year. Mixed. Pkt 10c.

697 **Obconica Grandiflora**—White. Pkt 20c.

698 **Obconica Grandiflora**—Scarlet Red. Pkt 20c.

699 **Obconica Grandiflora**—Pink. Pkt 20c.

700 **Obconica Grandiflora**—Light blue. Pkt 20c.

701 **Floribunda**—One of the prettiest and best Primroses, same general character as *P. Obconica*, only a lovely shade of primrose yellow. Fragrant, free blooming. Pkt 10c.

702 **Primula Forbesi or Baby Primrose**—The seed comes up very readily, and the little plants throw up tiny flower stalks when only a few weeks old. Pkt 10c.

703 **Kewensis**—A strong grower, 10 to 18 inches high, free flowering, fragrant, bright yellow, nearly an inch in diameter, useful for table decoration. Pkt 25c.



Primula Obconica Grandiflora

PYRETHRUM (Feverfew)

YELLOW FOLIAGE SORTS FOR BEDDING



Pyrethrum or Golden Feather. Pkt 10c.

704 **Partheni-folium Aureum**—Golden yellow dwarf, bedding plant known as **Golden Feather**. Pkt 10c.

705 **GOLDEN GEM**—The double-flowering variety of the preceding. Pkt 10c.

706 **Selaginoides**—A beautiful variety, handsome fern-like foliage. Pkt 10c.

PERENNIAL FLOWERING SORTS

707 **Single Hybrids**—Large flowering mixed. Hardy perennial, bearing large Aster-shaped flowers, ranging in color from light pink to deep red with bright yellow centres; 2 feet. Pkt 10c.

708 **Double Hybrids**—Large flowering. Colors same as single varieties; mixed, 1½ feet. Pkt 25c.

ROSES

709 **Dwarf Polyantha or Fairy Rose**—Roses from seed the first year. Seed sown in February in the house may be had in bloom in June in the open ground, where they continue to bloom throughout the season. The plants are dwarf and bushy, growing only about 1 foot high and very pretty for solid beds and borders. Pkt 10c, 3 for 25c.

710 **Mixed Hybrids**—The seed we offer is from the best mixture of hybrid perpetual and moss roses, which flower the second year. Pkt 10c.

RHODANTHE

One of the neatest of the genus of flowering half-hardy annual everlastings of low growth, in different shades of bright pink and white, with yellow disc.

711 **Maculata**—1 foot, deep carmine. Pkt 10c.

712 **Alba**—Pure white. Pkt 10c.

713 **Atrosanguinea**—Dwarf, purplish crimson. Pkt 10c.

RUDBECKIA (Texas Cone Flower)

714 **Bicolor Superba**—A hardy annual of compact branching growth, producing flowers about 3 inches in diameter, of a bright yellow, red and blackish purple disc. Pkt, 10c.

715 **Superba Semiplena**—Grows 2 to 2½ feet high, semi-double golden-yellow flowers. Pkt 10c.

715a **Fulgida Variabilis**—Perennial, profuse bloomer, mixture of types and colors. Pkt 10c.



Rhodanthe Maculata

SALPIGLOSSIS

(Painted Tube Tongue)

One of the most beautiful of flowering annuals; the flowers are large, of many beautiful colors and exquisitely veined and laced; 1½ feet high.

716 Mixed—Large flowering. Pkt 5c.

717 Emperor—A new type of this beautiful garden annual, growing in upright form. Well-furnished with large petunia-shaped flowers, 3 to 4 inches across, of various colors, all of which are intricately netted and veined with golden yellow. Mixed colors. Pkt 10c.



Salpiglossis
Emperor
Pkt 10c.

SEDUM (Stone Crop)

718 Mixed—Pretty little plants, growing freely on rock or rustic work also on ornamental mounds, where they flower in great profusion; hardy annuals. Pkt 10c.



Salvia, Clara Bedman (Bonfire). Pkt 10c.

SALVIA (Flowering Sage)

Salvia, called flowering Sage, grows freely in any light, rich soil. From eighteen inches to two feet in height. Plants should get a good start in a hotbed, and not be planted out before the weather is warm. Thrifty plants may be potted in the fall for winter blooming.

719 Splendens (Large Flowering Scarlet Sage)—One of the most gorgeous of annuals, blooming throughout the summer and fall. The plants grow from 1½ to 3 feet in height and form dense bushes, completely covered with showy sprays of most dazzling scarlet flowers. Pkt 10c.

720 "Silverspot"—The leaves are rich, soft dark green, with light sulphur or cream colored spots of various size liberally sprinkled over them. The intense bright scarlet flowers are very large, and the plants of neat, compact habit and very floriferous. Pkt 10c.

721 "Lord Fauntleroy"—Only 18 inches high; very compact, with flower spikes standing clear above the foliage. Fine for bedding in or for borders around beds of taller plants; also fine for pots. Earliest flowering of all. Pkt 15c, 2 for 25c.

722 Clara Bedman (Bonfire)—The plants form handsome globular bushes about 2 feet high by 2 feet in diameter. The spikes grow erect and stand clear above the foliage, completely covering the plant, and are of the most brilliant dazzling scarlet. Pkt 10c, 3 pkts 25c.

723 "Burning Bush"—A splendid sort, blooming about two months before the old variety and lasting until late in the fall. The plants are dwarfer and more compact in habit, while the flowers are of the brightest scarlet. Pkt 10c.

724 Coccinea—1 foot high, scarlet flowers, annual. Pkt 5c.

725 Farinacea—3 feet, showing long spikes of blue flowers; annual. Pkt 10c.

726 Patens—2 feet high, biennial, flowers of purest sky-blue imaginable. Pkt 10c.

727 Argentea—Silver leaves, blue flowers, 2 feet high, beautiful perennial. Pkt 10c.

SAXIFRAGA

728 Huetti—Hardy, perennial of trailing habit, with yellow flowers, for shady places, rockeries or hanging baskets, flowering abundantly and constantly. Pkt 10c.

SANVITALIA

729 Procumbens, fl. pl.—Beautiful trailing annual, well adapted from its compact growth for covering beds in the flower garden; the double flowers are large in proportion to the plant; of rich brown and yellow. Pkt 10c.

SCABIOSA

(Mourning Bride or Sweet Scabious)

The Mourning Bride or "Sweet Scabious" of our old garden, but much improved in size, colors and doubleness. They are very free bloomers, the colors white, carmine, lilac, maroon, etc. Excellent for bouquets.

730 Snowball—The flowers of this pretty Scabiosa are large, measuring fully 2 inches in diameter, of purest snow-white, very double. The stems are very stiff and strong, and the foliage a luxuriant green. Pkt 10c, 3 for 25c.

731 Golden Yellow—This long desired color has now been obtained after years of selection. The flowers are double and of a pure yellow color. Pkt 10c.

732 Tall Double Large Flowered Mixed—Pkt 5c.

733 Dwarf Mixed—All colors. 1 foot high; large flowers and robust in growth. Pkt 5c.

734 Caucasica—One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water, lilac blue, 3 feet. Pkt 10c.

735 SCARLET RUNNERS—Pkt 5c.

SCHIZANTHUS

(Butterfly Flower)

Few plants are more attractive, whether in pots or in the border; they are of branching habit, well covered with flowers resembling a butterfly; hardy annual.

736 Large flowering Fine Mixed—2 feet high, flowers orange and carmine shaded, spotted with yellow. Pkt 5c.



Schizanthus
large flowering
Pkt 5c.



Sanvitalia Procumbens, fl. pl.
Pkt 10c



Sweet Scabious or Mourning
Bride. Pkt 5c.

SEA LAVENDER

(Everlasting Statice)

737 Statice Bonduelli—1 foot, bright yellow. Pkt 10c.

SENECIO

(Jacobaea)

738 Elegans—Double mixed. Valuable hardy annuals, compact, bushy in growth, 1 foot high; adapted for bedding or indoor culture, producing multitudes of tassel-shaped small flowers. Pkt 5c.

SENSITIVE PLANT

(Touch Me Not)

739 Mimosa Pudica—Height 1½ feet, a curious and interesting annual, with pinkish white flowers; the leaves close and droop

when touched or shaken. Pkt 5c

SILENE

Elegant dwarf bushy annuals, bearing a profusion of bright, attractive flowers, through spring and summer. Admirable for beds, borders and rock work.

740 Pendula Ruberrima—Carmine rose flowers. Pkt 5c.

741 Ruberrima, fl. pl.—Double flowering variety of the preceding. Pkt 10c.

SMILAX

A splendid perennial greenhouse or parlor climber.

742 Medeola Asparagoides—Pkt 10c, oz 50c.

Snapdragon—(See Antirrhinum).

SOLANUM

Very elegant, highly ornamental, interesting genus of fruit-bearing plants

743 Marginatum—3 feet high, leaves white-edged and veined. Pkt 15c.

744 Capsicastrum Little Gem or Jerusalem Cherry—2 feet high, scarlet berries like cherries, beautiful for parlor. Pkt 10c.

STEVIA

745 Serrata White—For pot culture or the border; half-hardy perennial. Pkt 10c.

Sweet William—(See Dianthus).

Sunflower—(See Helianthus).

SWEET PEAS

OUR MIXTURES

746 SIMMERS' GIANT "GILT EDGE" MIXTURE—This mixture of Sweet Peas, is undoubtedly the finest we have ever offered. It contains only grand new named varieties of large flowering type, the seed of which has been grown separately from selected stock, and only the largest-flowered, most beautiful new Sweet Peas have been selected and mixed by ourselves. We have maintained a similar high standard throughout, and can assure all lovers of Sweet Peas, that never before has it been possible to obtain only the best and all the best of the new large flowering Sweet Peas as in this unequalled mixture. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 25c, per lb 90c.

747 Eckford's Up-to-Date Mixture—This mixture is made up from thirty varieties. Pkt 5c, oz 10c, $\frac{1}{4}$ lb 15c, lb 50c.

748 Fine Mixed—This strain contains a beautiful assortment. Pkt 5c, oz 10c, $\frac{1}{4}$ lb 15c, lb 30c.

749 White and Primrose Shades—Mixed.
750 Shades of Blue and Mauve—Mixed.
751 Striped, Flaked and Clouded—Mixed.
752 Scarlet, Magenta, Claret, Maroon—Mixed.
753 Rose and Pink Shades—Mixed.
 Any of the above—Pkt 5c, oz 10c, $\frac{1}{4}$ lb 20c, lb 60c

TWELVE LEADING VARIETIES

754 Tennant Spencer—Clear purple mauve. Pkt 10c, oz 20c.

755 Mrs. Routzahn Spencer—Soft straw color, tinted rose. Pkt 10c, oz 20c.

756 King Edward Spencer—Brilliant red. Pkt 10c, oz 20c.

757 Flora Norton Spencer—Bright blue, tinted purple. Pkt 10c, oz 20c.

758 Primrose Spencer—Primrose; very large. Pkt 10c, oz 20c.

759 Mrs. Sankey Spencer—Pure white. Pkt 10c, oz 20c.

760 White Spencer—Pure white. Pkt. 10c, oz 20c.

761 John Ingman—Rich carmine rose, wings deep pink. Pkt 10c, oz 20c.

762 Etta Dyke—Pure white; very fine. Pkt 10c, oz 20c.

763 Mrs. Alfred Watkins—Pale pink. Pkt 5c, oz 15c, $\frac{1}{4}$ lb 40c.

764 Frank Dolby—Pale blue; very large. Pkt 5c, oz 15c, $\frac{1}{4}$ lb 40c.

765 E. J. Castle—Rich carmine rose, shaded salmon. Pkt 5c, oz 15c, $\frac{1}{4}$ lb 40c.

1 Pkt of each (twelve) of these lovely Sweet Peas, 90c. postpaid.



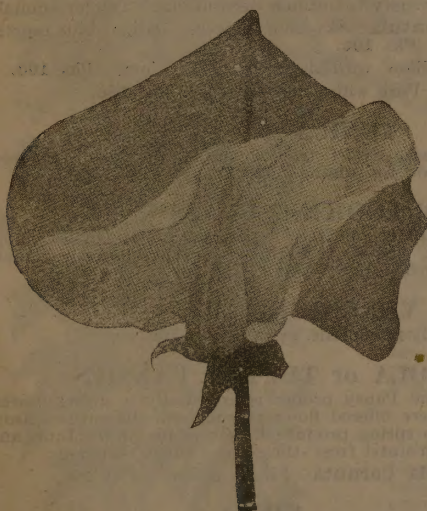
Sweet Pea—Miss Wilmott

NAMED VARIETIES

- 766 America**—Cardinal stripe on white ground.
767 Black Knight—Deep maroon, self colored.
768 Countess Cadogan—Standards shining velvet, overlaid with a light sky-blue, wings a pure sky-blue.
769 Dobbies Mid blue—Brightest blue of all.
770 Dorothy Eckford—Pure white, of fine substance.
771 Duke of Westminster—Deep rose maroon, with bright violet.
772 Earliest of all—Pink and white.
773 Extra Early Blanche Ferry—Pink and white.
774 Helen Pierce—Marbled blue on a white ground.
775 Hon. Mrs. E. Kenyon—Deep primrose color, very large.
776 King Edward VII.—The largest and finest crimson scarlet.
777 Lady Grisel Hamilton—Lavender, the best large flowering.
778 Lord Nelson—Deep violet-blue.
779 Lottie Eckford—Lavender, shaded pink and white.
780 Lovely—Soft shell pink.

- 781 Maid of Honor, or Improved Butterfly**—White ground, edged light blue.
782 Midnight—Deep violet
783 Millie Maslin—Crimson red.
784 Miss Wilmott—Rich deep orange pink, enormous size.
785 Mont Blanc—White, one of the earliest.
786 Nora Unwin—White, very large flower.
787 Othello—Deep glossy maroon.
788 Prima Donna—Lovely shade of soft pink.
789 Prince of Wales—Bright rose.
790 Prince Olaf—Bright blue striped.
791 Queen Victoria—Cream, suffused purple.
792 Royal Rose—Deep rosy pink.
793 St. George—Brilliant orange crimson.
794 Salopian—Best of the deep crimson.

Price of Named Varieties—Pkt 5c, oz 10c, $\frac{1}{4}$ lb 25c. Customers' selection of any seven 5c packages for 25c. Any twelve packages for 40c.



Spencer Hybrids

SPENCER HYBRIDS

795 GIANT ORCHID FLOWERING SWEET PEAS.

Wings and standard very large and graceful in form. Colors ranging from deep pink to white. Our mixture contains distinct shades, all are of large flowering type. Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 30c, lb \$1.00.

BUSH SWEET PEAS

The bush Sweet Pea grows in perfect bush form. It requires no trellis like the Tall Sweet Peas. An average bush grows 16 to 18 inches high by from 12 to 14 inches wide.

796 Mixed—Pkt 5c, oz 10c, 2 oz 15c, $\frac{1}{4}$ lb 20c,

DWARF or CUPID SWEET PEAS

- 797 White.**
798 Beauty—Decided rose color.
799 Primrose—Creamy.
800 Boreatton—Rich purple.
801 Extra Early Blanche Ferry—Pink and white.
802 Countess of Radnor—Delicate lavender.
803 Firefly—Scarlet
804 Mixed Cupids.
 Any of the above—Pkt 5c, any six pkts 25c, oz 15c, 2 oz 25c, $\frac{1}{4}$ lb 40c.

PERENNIAL SWEET PEAS

These Peas, while lacking the delicious fragrance of the Sweet Peas, are equally as beautiful, and are very valuable from the fact that they are in full bloom early in the spring, before the others have begun to flower. They bear magnificent clusters of flowers. Perfectly hardy.

- 805 Pink Beauty**—Charming rose pink Pkt 10c.
806 Red—Pkt 10c.
807 White—Pkt 10c.

One pkt each of the three Perennial Sweet Peas, 25c.



Perennial Sweet Peas

We strongly advise the planting of Sweet Peas in colors. We can furnish neat wooden labels at 20 cents per 100. They are iron wired and can be fastened to stakes or wire netting.

STOCKS (GILLY FLOWER)



German Ten Weeks' Pyramidal Globe Stocks

- 808 **Crimson**.....Pkt 10
 809 **Light Blue**....." 10
 810 **Purple**....." 10

814 **Bismarck**—Large, pure white, double flowers. Pkt 15c.

Mammoth Column Ten Weeks Stock—A superb variety producing grand central spike of beautiful flowers, the plant afterwards branching. Potted up will bloom splendidly under glass in winter.

- 815 **Pillar of Snow**—White. Pkt 10c.
 816 **Blood Red** (Gloria)—Most effective, producing one spike with fine flowers. Pkt 10c.
 817 **Crimson**—Pkt 10c.
 818 **Reddish Brown**. Pkt 10c.
 819 **Improved "Snowflake"**—Flowers pure white, unusually large and double; extremely early. Pkt 10c.
 820 **"Cut and Come Again,"** or **Princess Alice**—The well-known profuse and perpetual-blooming double-white variety; very fragrant. Pkt 10c.
 821 **Dwarf Brilliant**—Fiery blood-red, beautiful pyramidal shape. Pkt 10c.

OTHER VARIETIES

- 822 **Brompton**—Beauty of Nice—Pink. Pkt 10c.
 823 " " —**Giant of Nice**—Flesh color. Pkt 10c.
 824 " " —**Queen Alexandra**—Lilac rose. Pkt 10c.
 825 " " —**Empress Elizabeth**—Carmine rose. Pkt 10c.
 826 " " —Half-hardy biennial bushy plants, producing a beautiful display of double flowers, mixed colors, 2 feet high. Pkt 10c.
 827 **East Lothian**—Pure white, invaluable for florists. Pkt 10c.
 828 **Giant Emperor, or Perpetual**—These make very bushy and branching plants with an abundance of flower. Sow in July or August, and they will bloom in winter. Many colors in the finest mixture. Pkt 10c.
 829 **Giant Emperor White**—For florists' use; very fine. Pkt 10c.

COLLECTIONS OF STOCKS

- Large Pyramidal Double Ten Weeks**—1 pkt each, 10 colors. Pkt 75c.
Large Pyramidal Double—One pkt each, 6 colors. Pkt 40c.
Sweet Sultans—(See Centaurea).

SWAINSONIA GRANDIFLORA ALBA

830 A very popular plant for house culture. Foliage is as graceful as an Acacia; flowers pure white, produced in sprays of 10 to 12 flowers each, and resembling Sweet Peas. It is of the easiest culture and ever-blooming. It climbs readily and is splendid for the window garden, or it may be grown as a bush plant by trimming it back as it grows; tender perennial, 1 to 4 feet. Pkt 10c.

THUNBERGIA

831 **Alata**—Very elegant slender growing climbers, rapidly covering wire trellises, and also useful for vases in the garden or house. They are very attractive also if grown simply trailing on the ground. The colors are pure white, light yellow and deep orange, and of each color there is a variety with white eye and also with black eye—the latter often called "Black-eyed Susan." All colors mixed. Pkt 10c.

TAGETES SIGNATA PUMILA

832 **Dwarf annual**, flowering in profusion throughout summer and autumn; color bright yellow; very effective in low beds. 1 foot. Pkt 10c.

The stock is one of the most popular annuals, either for bedding or pot culture; for brilliancy and diversity of color, fragrance, profusion and duration of bloom it is unsurpassed. For early flowering, sow in the house in February or March, and plant in the open ground in May, when danger of frost is over. Nine to eighteen inches high, half-hardy annual.

TEN WEEK STOCKS

Large Flowering Globe Pyramidal—Immense spikes of perfectly double flowers. The large double flowers are produced in great profusion, the spikes being compactly pyramidal in shape, and the plants of neat habit of growth.

- 811 **Pure White**.....Pkt 10
 812 **Bright Pink**....." 10
 813 **Mixed**....." 10



Simmers' Mammoth Verbenas. Pkt 10c.

VERBENAS

833 **Yellow Leaved** (Golden Bedder)—A golden yellow foliage, which forms a striking contrast to the flowers. Mixed, pkt 10c.

834 **Venosa, Purple**—Profuse bloomer. Good bedder. Pkt 10c.

835 **Erinoides** (Moss Verbena)—Furplish-blue flowers, blooms profusely from June until November. For beds, baskets or rockeries it is highly desirable. Pkt 10c.

836 **Citriodora** (Lemon-scented Verbena)—The leaves are delightfully fragrant and refreshing. Grows easily from seed. Pkt 10c.

837 **Tom Thumb** (Verbena Hybrida Compacta)—Of exceeding dwarf, compact growth, six inches in height, very spreading. Mixed colors. Pkt 10c.

MAMMOTH VERBENAS

Grandiflora Mammoth Strain—This distinct and superb class of Verbenas is a remarkable improvement on the older varieties. It produces flowers of an enormous size, the florets being fully one inch in diameter, with clearly defined margins and white eyes.

- 838 **Blue**. Pkt 10c.
 839 **Scarlet Defiance**—Brightest scarlet. Pkt 10c, $\frac{1}{4}$ oz 75c.
 840 **Pure White "Snowball"**—A fine large flowering strain. Pkt 10c, $\frac{1}{4}$ oz 75c.
 841 **Auricula**—Splendid colors, with large white eye. Pkt 10c.
 842 **Very Choice Mixed**—Pkt 10c, 3 pkts 25c, $\frac{1}{4}$ oz 50c.

TORENIA

For hanging baskets or culture in pots it is unsurpassed and in summer its brilliancy adds a pleasing variety to outdoor decorations. Tender annual.

843 **Fournieri, or Edentula**—Sky-blue flowers, indigo blue spots, yellow throat, free bloomer. Pkt 10c.

844 **Bailloni**—Golden yellow with dark throat, distinct. Pkt 10c.

845 **"White Wings"**—Pure white flushed rose. Pkt 15c.

TUNICA

846 **Saxifraga**—Very neat, dwarf trailing hardy perennial, covered with pretty white flowers, good for edging. Pkt 5c.

VENUS' LOOKING GLASS

847 **Campanula Speculum**—A free flowering, pretty little plant, adapted for beds or rock work, ribbons or edgings. The plants form a small spreading mass about nine inches high; blue. Pkt 5c.

VERONICA

848 Early flowering, hardy perennials, mixed. Pkt 10c.

VIOLA or TUFTED PANSIES

While the Pansy proper is essentially a spring flower; the Violas here offered flower throughout the entire season. Seed sown in spring produce flowering plants by June, and from then on until frost they are a sheet of bloom.

849 **Viola Cornuta**—Finest mixed. Pkt 10c.

VINCA

(Madagascar Periwinkle, or Old Maid)

Ornamental free-blooming plants, and one of the most satisfactory bedding plants we have. They flower from seed the first season, continuing until frost; or they may be potted and kept in bloom throughout the winter; a fine cut flower: 2 feet.

850 **Rosea**—Rosy flowers, glossy oval-shaped leaves. Pkt 10c.

851 **Alba**—White flowering. Pkt 10c.



Viola, or Tufted Pansies. Pkt 10c.

VIOLET

852 *Odorata Semperflorens* (Single Ever-flowering Violets)—The "Sweet English Violet," prized for its delicate color. 6 inches high. Pkt 5c.

VIRGINIAN STOCK

Hardy, low-growing, profuse flowering annuals, for hedges, small beds, or pot culture.

853 *Cheiranthus Maritimus*—Mixed. Pkt 5c, oz 20c.

VISCARIA

854 *Hybrida*—Pretty, profuse flowering, hardy, low growing annuals of easy culture in any soil. Mixed colors. Pkt 5c.

WAITZIA

855 *Grandiflora*—Half-hardy everlasting annuals, 6 inches high, large yellow flowers. Pkt 10c.



Viscaria Hybrida. Pkt 5c.

WALLFLOWER



Wallflower—Double Mixed. Pk. 10c.

high, bell shaped flowers, 1 inch long, violet blue and white. Pkt 5c.

The flowers of the Wall-flower are deliciously fragrant; the large, massive, conspicuous spikes of the double German varieties have a charming effect, while the more bushy, compact growth and profuse blooming of the single ones render them exceedingly attractive, h.b.p.

856 *Double Branching*. Mixed. Pkt 10c.

857 *Harbinger*. — Rich, blood red, 1 foot. Pkt 5c.

858 *Single*—Mixed. Pkt 5c.

859 *Single Annual Wallflower*—This variety will flower throughout the summer and fall, from seed sown in the spring. Pkt 10c.

WHITLAVIA

860 *Grandiflora*—Mixture, free-flowering hardy annuals, 18 in. Pkt 5c.



Wild Cucumber Vine

WILD CUCUMBER VINE

861 This is the quickest growing climber in our list. It will grow 30 feet in one season, has dense graceful foliage, which is thickly dotted over with pretty white, fragrant flowers. These in turn are followed by an abundance of small ornamental and prickly seed pods. Once planted this vine seeds itself and comes up every year. Pkt 5c, oz 25c, 2 oz 35c, 1 lb 50c.

WIGANDIA

862 Grand and magnificent plant, with immense leaves richly veined, and stems covered with crimson hair. Of rapid growth. It forms one of the finest objects among ornamental foliage plants. Pkt 10c.

XERANTHEMUM

863 *Annum*—Double white. Pkt 5c.

864 *Imperiale*—Double dark violet purple. Pkt 10c.

865 *Superbissimum*, fl. pl.—Distinct double. Pkt 10c.

ZEA (Ornamental Maize)

Compact in habit, very long and drooping leaves, elegantly striped; a very effective plant, especially in groups and masses.

866 *Japonica Variegata*—Pkt 5c, oz 15c.

ZINNIA

Youth and Old Age.

The Double Zinnia with its flowers large and beautifully formed are exceedingly handsome. Few plants in the flower border are more effective; and scarcely any flower, when cut, is more suitable for table bouquets.

Being of rather robust habit, it requires but moderately rich soil; the seed may be sown in the open ground or indoors, according to the time it is desired to flower; half-hardy annual.

867 *Elegans*—Mixed. Pkt 10c.

868 *Scarlet*—Double, fiery scarlet flowers. Pkt 5c.

869 *White*—Pkt 5c.

870 *Sulphur Yellow*—Flowers large perfect shape. Pkt 5c.



Zinnia, Elegans, Double Large Flowering

871 *Pompone or Lilliput*, Mixed—Dwarf, double, distinct; long cone shape, beautiful; flowers perfect in shape, the colors of which are exceedingly bright and showy; mixed. Pkt 10c.

872 *Haageana*, fl. pl. (Mexican Zinnia)—A splendid double variety; flowers deep orange, keeping its color when dried as a winter flower. Pkt 5c.

873 *Zebra*—The flowers of this selection are perfect in shape, of all colors and are beautifully striped, spotted and blotched with different shades. Plants symmetrical and compact, about 2 feet high; mixed colors. Pkt 10c.

Collection Double Zinnias, 1 pkt each, 6 distinct varieties, 40c.

MIXED ANNUALS OR WILD FLOWER GARDEN MIXTURE



874 These mixed flower seeds embrace more than a hundred varieties of such easy-growing and pretty flowers as are suitable for forming a wild flower garden. They are very useful for woodland walks, roadsides, and for sowing

alongside of fences and on any untidy bare spots of ground which are frequently unsightly, and which, if properly cared for and kept free from weeds, can be made to produce a continual display of bloom during the summer. Pkt 5c, oz 20c, 1 lb 60c, 1 lb \$2.00.

OUR CHILDREN'S FLOWER GARDEN

875 Nothing appeals so to a young fancy as bright colors and beauty of form. With a small expense of labor, the Kindergarten can be transformed into a delightfully attractive spot, and form the most instructive of school-rooms and the happiest of playgrounds. This mixture embraces over 100 sorts of easy-growing flowers. Pkt 5c, 1/2 oz 10c, oz 15c, 1 lb 35c, 1 lb \$1.00.

AN INEXPENSIVE GARDEN

876 For 50c we will send 1 pkt (regular size) each of mixed colors of Tall Nasturtium; Phlox; Sweet Peas; Asters; Petunia; Candytuft, white; Sweet Sultan; Canary-bird Climber; Pompone Zinnia and Verbena, all choice strains and 5 fine Gladiolus Bulbs. Ten pkts Choice Flower Seeds and 5 Bulbs for 50c.



BEGONIAS (Tuberous Rooted)

These are certainly grand summer blooming plants for beds, whether singly or in masses. As pot plants they are also unequalled for their many varied colors of white, yellow, pink, scarlet and red—great waxy flowers measuring from three to six inches across. The double-flowering sorts resemble beautiful roses. Plant out in May, a foot or so apart, one inch deep, and keep well watered at all times. Take up on the approach of cold weather. For growing in pots start at any time after January.

Giant Single Varieties—Separate colors. White, Scarlet, Pink and Yellow. Each 10c 4 for 30c, doz 75c, 25 for \$1.50, 100 for \$5.50.

Giant Single Mixed—Each 10c, 4 for 30c, doz 75c, 25 for \$1.35, 100 for \$5.00.

Giant Double Varieties—Separate colors. White, Rose, Scarlet and Yellow. Each 15c, 4 for 50c, doz \$1.50, 25 for \$2.75, 100 for \$10.00.

Giant Double Mixed—Each 12c, 4 for 45c, doz \$1.30, 25 for \$2.50, 100 for \$9.00.

SPECIAL OFFER. One bulb each color of Single White, Red, Pink and Yellow for 30c.
One bulb each color of Double White, Rose, Scarlet and Yellow for 50c.

FRILLED TUBEROUS BEGONIAS

During the past six years this strain, by careful selection, has been wonderfully improved, until it is now unquestionably the finest of the tuberous-rooted section. The flowers are of large size, from 4 to 6 inches in diameter, with beautifully frilled and wavy petals, not unlike the finest single Petunias. 20c each, \$2.00 per doz.

FREE FLOWERING TUBEROUS-ROOTED BEGONIAS

A most useful and attractive type that has become a favorite for bedding, possessing the great advantage over other tuberous-rooted Begonias of delighting in sunshine. Of dwarf habit, growing from 8 to 10 inches high, throwing up well above the foliage numberless stems of dazzling flowers, giving the whole plant a brightness, grace and elegance difficult to describe.

Duke Zeppelin—Double, bright red. 20c each, 3 for 50c, \$1.75 doz.

Lafayette—Dazzling scarlet, double, 25c each, \$2.50 doz.

Bertini—Single, brownish red, 20c each, 3 for 50c, \$1.75 doz.

APIOS TUBEROSA Its clusters of rich, deep purple flowers have a strong, delicious violet fragrance. They grow to a great height and bloom profusely. The bulbs are hardy and need not be taken up. Each 5c, doz 50c.

BESSERA ELEGANS Flower stems from one to two feet high, bearing loose umbels of scarlet and white flowers. Each 10c, per doz \$1.00.

CYCLOBOTHRA FLAVA Narrow grassy foliage, and constant bloomer, flowers bell-shaped, bright yellow, dotted brown. Treated same as Gladiolus. Each 5c, doz 50c.

CHLIDANTHUS FRAGRANS The large flowers, which are borne in dense clusters during the months of July and August, are of a deep canary yellow color and extremely fragrant. Each 10c, doz 75c.

CINNAMON VINE (Dioscorea Batatas)

A rapid-growing climber, taking its name from the peculiar fragrance of the delicate white flowers. The leaves are heart-shaped, bright glossy green; growth is very rapid, reaching about eight feet in height, quite hardy. Good roots 5c each, 6 for 25c, doz 50c.

CRINUM

Kirkii—The grandest variety of this group. The flowers are fragrant, petals broad and white with deep purplish red stripe through centre. Usually two flower stalks are sent up, each bearing a large cluster of flowers. It blooms with the greatest freedom. Extra large bulbs, each 40c, medium size bulbs, 25c each.



Single Tuberous Begonia

AMARYLLIS

Formosissima (Jacobin Lily)—Flowers of a deep velvety crimson color, handsomely formed, very striking. Each 10c, 6 for 50c.

Treatea (Fairy Lily)—Bulbs can be planted at any time during the winter or spring, and will soon bloom. They should be potted in sandy soil and five or six can be planted in a five-inch pot. Each 5c, doz 50c.

Vitatta Hybrids—Beautiful, large-flowering, new seedlings from choicest varieties; bulbs are of an immense size and will produce something grand. Each 50c, doz \$5.00.

Johnsonii (Spice scented)—It is impossible to name a more magnificent bulbous plant than this; its immense flowers, richness of coloring and regal habits are simply incomparable; it throws up a spike about 18 inches high, bearing from two to six flowers averaging four to six inches across, of a bright rich red color with a white stripe down each petal; it also has a rich, spicy fragrance. This variety is the most robust and luxuriant, and the earliest to flower of the whole Amaryllis family, and is a prolific bloomer, and it is of easy culture. 30c each; extra large bulbs 50c each, 2 for 90c.

SPIDER LILY

Pancratium Caribbaeum (Spider Lily)—Planted out in wet places during summer it will produce many spikes of fragrant flowers in dense clusters, lasting several weeks; grand for indoors, blooming even if grown in water. Each 20c, 3 for 55c, 6 for \$1.00.

ISMENE Calathina Grandiflora or Basket Flower—A grand summer-flowering bulb, producing throughout the season large Amaryllis-like, pure white, fragrant blossoms. Keep the bulbs in a dry, warm place, and plant out in June. Bulbs can be taken up in October, and after a few weeks' rest, potted and flowered in the house in winter, or kept over for planting out another season. Each 25c, 4 for 90c.

LARGE FLOWERING CANNAS

The Most Desirable Bedding Plant for the Canadian Garden.

How to Prepare a Canna Bed—These plants being strong growers require deeply-dug garden ground, well enriched with rotten manure; soil with some mixture of sand is best. After planting, water sparingly for a few days, until the plants have taken root; after well established and showing good leaf growth, increase the amount of water; when in full growth during hot weather they may be watered very freely. Set the plants 18 inches apart each way using the taller ones (see height in description) for the centre and the dwarfier kinds for outer circles with shortest ones at edge.

GREEN LEAVED VARIETIES

Allemania (Italian)—Large flowers, salmon and yellow.
Alphonse Bouvier 5 ft.—Brilliant crimson.
Chicago 5 ft.—Clear, deep vermilion, a constant bloomer.
Duke of Marlborough 3½ ft.—Rich, dark, velvety maroon.
Jean Tissot 5 ft.—Brilliant vermilion with orange shadings.
Madame Crozy 4 ft.—Crimson scarlet, bordered with golden yellow.
Florence Vaughan 5 ft.—Brilliant golden yellow, dotted bright scarlet.
Queen Charlotte 4 ft.—Rich scarlet crimson with broad yellow band.
Souvenir d'Antoine Crozy 3 ft.—Intense scarlet crimson, bordered with golden yellow.
Mrs. Kate Gray (Italian) 7 ft.—Clear wine color beautifully, suffused with gold.
Pennsylvania 6 to 7 ft.—Intense vermilion scarlet, overlaid with orange-scarlet seen.
Mile. Berat 3½ ft.—The nearest approach to a pink in bedding Cannas.
King Edward VII.—Crimson scarlet, bordered golden yellow.
Flamingo—Rich deep crimson.
Harry Laing 5 ft.—Rich glowing scarlet, suffused with orange.
Wilhelm Bofinger 5 ft.—Rich bright scarlet, suffused with orange.
Golden Sceptre 4½ ft.—Pure golden yellow.
Italia 5 ft.—Bright orange-scarlet, with broad golden-yellow border.

DARK LEAVED VARIETIES

King Humbert 5 ft.—Flowers large and freely produced, very broad leaves.
America 4½ ft.—Glowing red, streaked with purple; yellow throat.
Egandale 4 ft.—Red foliage, flowers currant red.
Leonard Vaughan 5 ft.—Clear bright scarlet, very large flowers.
Mrs. Geo. A. Strohelein 6 ft.—Bright amaranth red.
Rubin 4 ft.—Rich, glowing carmine.

Paul Carnot—Bright red.
Governor von Zimmer 4 ft.—Rich orange-scarlet.
Gigantea 3 ft.—Bright orange-scarlet.
Jas. Veitch—Rich crimson, large.

Strong Plants—Any variety, each 20c, postpaid; by express at purchaser's expense, per doz., \$2.00. For the Amateur, Dry Roots are difficult to start, for this reason we offer started plants.

CANNA BED No. 1

Collection for Canna Bed 7 feet in diameter. 1 Florence Vaughan (for centre). 6 King Humbert (middle row), 12 Harry Laing (outside row)—FOR \$3.00 by express.

CANNA BED No. 2

Round. 7 feet across. 7 King Humbert (Bronze Leaf), 12 Florence Vaughan—FOR \$3.00 by Express. Here is a combination that makes one of the prettiest beds.

CANNA BED No. 3

Round, 10 feet across, 7 Florence Vaughan (in centre), 12 King Humbert (middle row), 18 Harry Laing (outside row)—FOR \$6.00 by express. This is a very complete three-color effect in a Canna Bed, and very hard to excel.

DAHLIAS

The Dahlia is the greatest autumn flower we have. There is nothing to equal it in September or October when everything else is faded or fading, and it surrenders only to frost. Tubers should be planted when the season becomes warm, covering the neck about three inches. If many shoots start thin out. Take up plants before hard frost, cut off tops, dry the tubers a little, and put in cellar until spring. There are six distinct classes, viz.—**Tall Double, Dwarf Double, Decorative Cactus, True Cactus, Single, and Peony-flowered.** All are grand and the entire collection should be planted. Tubers can be sent as soon as all danger from frost is past, about April 1st. **Prices below include postage.**
Please Note.—Dahlias herein offered are all field grown roots except where noted.
Gold Medal awarded for bed of Dahlias at Canadian National Exhibition, 1910.



Double Mixed Dahlias

DECORATIVE CACTUS DAHLIAS

This group is generally sold as Cactus Dahlias but is entirely distinct. In form they are about half-way between the show and cactus varieties, the petals are long, broad, beautiful and regular, though they vary in form in different varieties. Splendid for decoration.

- Black Prince**—Very dark maroon.
- Bronze Cactus**—Bronze.
- Cactus Queen**—Rich blood red, very decided color.
- Cora Gleason**—Rich velvety crimson.
- Henry Patrick**—Pure white, free.
- Maid of Kent**—Bright red, tipped white.
- Nymphaea**—Clear pink.
- Oban**—Rosy lavender overlaid with silvery fawn.
- Perle de la Tete D'or**—Pure White, notched petals, good for florists' cutting.

PRICE—15c each; any 3 for 40c; per doz \$1.50.

DWARF POMPONE DAHLIAS

So-called from their compact and dwarf habit of growth; flowers smaller than those of the tall Dahlias, but perfect and very double.

- Dude**—White, shaded lilac.
- Glowing Coal**—Bright red.
- Snowclad**—Best white, very free flowering.

PRICE—15c each; 3 for 40c; per doz \$1.50.

SINGLE DAHLIAS

- Red Seedling**—Large clear red.
- 20th Century**—Color intense rosy crimson with white tips.

PRICE—15c each; 3 for 40c, \$1.50 per doz.

MIXED DAHLIAS

We have a large stock of Mixed Dahlia Roots from which the labels have been lost, among them will be found some of our very best varieties. We offer these for 10c each, 3 for 25c, 90c per doz. postpaid; \$7.00 per hundred, by express only.

HEAVY DAHLIA STAKES

Green painted, wooden.

3 feet.....	Per doz.....	50c.	Per 100.....	\$4 00
4 ".....	".....	60c.	".....	4 50
5 ".....	".....	75c.	".....	6 00

SHOW DAHLIAS

A. D. Livoni—Beautiful soft pink with quilled petals; early.

Arabella—Pale primrose tipped and shaded old rose and lavender.

Attraction—Very large, yellow splashed with crimson.

Bird of Passage—White, tipped pink.

British Splendor—Large bright red, free bloomer.

Charles Lidgard—Red, striped yellow.

Crimson Beauty—Vivid crimson.

Eccentric—Yellow centre, changing to red towards tips of petals.

Elegans—Rosy purple, tipped white.

Empress of India—Large, white, tipped with purplish lilac.

Frank Smith—Maroon tipped white.

Gloire de Lyon—Very large, pure white.

Greater Britain—The color is a pure, rich yellow, petals tipped with delicate peach.

Grand Duke Alexis—Large ivory white, petals edged delicate pink.

Hector—Large, cherry red, finest form.

John Bennett—Yellow tipped red.

John Walker—Pure white.

Keystone—Purple, striped white.

King Edward 7th—Large yellow flowers, of beautiful form, flowers produced in great quantities on long, stiff, erect stems.

Leader—Dark purple.

Mad Moreau—Deep rosy pink, very large.

Mirefield Beauty—Cardinal red.

Modesty—Blush, light centre, large, almost perfect.

Oriole—Yellow, striped red.

Queen Alexandra (Pink Seedling)—Pure pink of exquisite shape, large size.

Queen of the Yellows—Clear yellow.

Red Hercules—Clear red.

Red Hussar—Bright red.

Ruby Queen—Bright ruby red.

Triomphe de Paque—Bright maroon.

Uncertainty—Varies from white, striped and carmine, to solid crimson maroon on same plant.

PRICE—15c each; any 3 for 40c; doz \$1.50.

NEW DAHLIAS

Client—Large, deep velvety crimson of the show type. Very fine. Each 30c.

Clara J. Stredwick—A beautiful specimen of the Cactus type, with very long, narrow pointed petals, flowers sometimes measuring 7 inches across. Color salmon flesh, shaded darker. Each 30c.

Floradora—An English variety, bright red, petals long, curled and twisted. Each 30c.

Gates Ajar—The color is an extraordinary deep rich cinnamon or maroon. The petals are very long and twisted. In addition to its merits of form and color it is a remarkably free bloomer. Each 30c.

John Thorpe (show)—Very large; soft rich pink. Very fine form. Each 30c.

Mad Van den Dael—A great decorative variety of immense size and beautiful form. Color soft shell pink with deeper markings, flowers often measuring 6 to 7 inches in diameter. Price, strong roots, 30c each.

Major Tupenny—An English variety, red and yellow, extra long curled and twisted petals, very showy. Each 30c.

Mrs. Roosevelt—It is of a large size, graceful in form, has good stems for cutting. The flowers are perfectly double, of largest size, 6 to 8 inches, while the color is a delicate pink, shading to soft clear pink. Each 30c.

Ronald—A fine, deep rich orange, of the show type. Each 30c.

SPECIAL OFFER—The set of 9 New Varieties, \$2.50 postpaid

TRUE CACTUS DAHLIAS

This section is of recent introduction, and is the most beautiful of the entire Dahlia family. The flowers are perfectly double, loosely arranged and irregular in outline, the petals are long, pointed and twisted. Colors of this class are most exquisitely delicate and refined, while the blending of shades and tints is surpassingly lovely.

Brittania—Deep salmon flesh, free and early.

Chas. Woodbridge—Rich crimson purple.

Countess of Lonsdale—A peculiar but pleasing blending of salmon pink and amber. Flowers freely under all conditions.

Earl of Pembroke—Bright reddish purple, petals long and pointed.

Gloriosa—Deep bright red, shaded scarlet.

Flamingo—Bright red.

John Roach—Pure yellow.

Keyne's White—A finely formed pure white Cactus Dahlia; considered one of the very best.

Loyalty—Bright coral red.

Progenitor—Brilliant scarlet, grand sort.

St. Catherine—Yellow, shaded red.

Standard Bearer—Rich fiery scarlet, very free.

Star Fish—Flowers medium size, borne on straight erect stems, well above the foliage, profuse bloomer, color bright scarlet.

Strahlen Krone—Intense cardinal red.

PRICE—15c each; any 3 for 40c; doz \$1.50.

PEONY FLOWERED DAHLIAS

Dr. Von Gorkom—Beautiful color, white shaded rosy, very floriferous.

Germania—Brilliant carmine 4 rows of petals, compact growth.

King Leopold—The best yellow color among the giant Dahlias, color varying from cream yellow to white. Flowers very large and on long stems.

Paul Kruger—Striped variety white and red flowers with three ranges of petals on very long stems.

Queen Emma—First-class flowers, lovely salmon with lilac. Very free flowering.

PRICE—Pot plants only, 35c each; three for \$1.00.

CANE STAKES FOR DAHLIAS

Extra heavy, 6 to 9 feet long, per doz 25c, per 100, \$1.50. May be cut into lengths to suit.

GLADIOLUS

LARGE FLOWERING, BRILLIANT COLORS

STRICTLY FIRST SIZE BULBS

No Flower Garden is Complete without a Bed of Gladiolus



Gladiolus Bulb

good soil, well spaded. Set in rows three inches apart, or in masses, six inches apart each way. Plant in full sun, if possible, and keep down weeds. They bloom from July to October. After fall frosts, lift the bulbs, and, after removing the tops, let them dry for two or three weeks in any airy position, under cover. Then, after removing the roots store them in a cellar, or any cool, dry place, away from frost, for planting again the following spring.

NAMED GLADIOLUS GANDAVENSIS

- America**—Beautiful large flowers, flesh pink.
Augusta—Lovely pure white, with blue antlers.
Baron Hulot—Rich deep indigo shade. The finest blue Gladiolus yet seen.
Blondin—Bright terra cotta, very large spike.
Brenchleyensis—Vermillion scarlet.
Ceres—White, spotted rose.
Emma Thursby—White ground, carmine stripes through petals, blotch in the lower divisions.
Isaac Buchanan—Yellow.
John Bull—White, tinted sulphur.
Lamarck—Cherry, white throat.
May—White ground, slightly striped crimson.
Mrs. E. H. Krelage—Bright red, white blotch, and carmine veins.
Octoroon—Beautiful salmon pink, very distinct.
Prolific Pink—A good pink of remarkably free growth.
Reine Blanche—White, with dark carmine blotch.
Shakespeare—White, suffused carmine rose, large rosy blotch.
SNOW WHITE—Grand spike of snow-white flowers, a magnificent variety.
 Each 15c, 4 for 60c, \$1.75 per doz.

GIANT OR CHILDSI GLADIOLUS

The flowers are of great substance and of gigantic size. The form of both the flower and spike is perfection itself, but their most remarkable feature is their coloring. Orchids cannot surpass them in their varied and delicate shades, markings and blendings. Every color known among Gladiolus is represented, and many never before seen, particularly blues, smoke grays, and purple blacks, all having beautifully mottled and spotted throats, made up of white, crimson, pink, yellow.

Mixed Childsi—Price each 7c, 4 for 25c, 12 for 60c, postpaid; 25 for \$1.00, 100 for 3.50, at purchaser's expense.

Named Childsi Varieties

- Attraction**—Dark rich crimson, large white centre and throat.
Blanche—Large flowers, snow-white with faint markings.
Boston—Flaming orange scarlet, with large white throat.
Brilliant—Beautiful orange red, carmine and white throat.
Burlington—Bright pink, beautifully tinged with orange scarlet carmine and white mottled throat.
Cardinal—Very large, intense cardinal scarlet.
Columbia—Light orange scarlet, freely blotched and pencilled with bluish purple.
Deborah—Dark red, tinged with amaranth. Very large pure white throat and blotches, white band through petals.
Ethel—Soft rose, with white and crimson.
Eva—Beautiful rose, shaded and marked with slate.
Gracilis—Graceful spike with large flowers a dull red color, margined with slate blue.
Henry Gillman—Deep salmon, scarlet, with fine white bands.
Mohonk—Deep dark pink, with spotted throat, shaded orange and flaked maroon.
Mrs. Beecher—Deep rosy crimson, pure white throat.
Wm. Falconer—Spike of great length, with enormous flowers light pink and bluish mottled

8c
each,
90c
doz.
post-
paid.

10c
each
\$1.00
per
doz.
post-
paid.

There is nothing to compare with the Gladiolus as a garden flower, thriving as they do under the most adverse conditions, and giving out a bountiful supply of handsome blooms, which cannot be surpassed for their brilliancy and varied colors. We are large growers of these bulbs and supply only varieties and mixtures that we know are the best to be obtained and such as will give complete satisfaction.

CULTURE—Gladiolus are of the simplest culture. Plant at any time from April to July, in any fairly

Six Rare New Gladiolus

Blue Jay—The best of the blue section; its marking of blue and white giving it a strong resemblance to the bird from which it is named. Each 25c.

Mrs. Francis King—The color brilliant flamingo pink, blazed with vermilion red, is most effective both in daylight and under artificial light. Each 15c.

La Luna—Flowers large, pale yellow when first open, turning to pleasing white, when fully expanded, with small brown marking in throat. Each 25c.

Lady de Walden—A fine yellow with dark blotch, very early. Each 15c.

Peace—Flowers large, of good form, color beautiful white, with lilac feathering on lower petals. Each 25c.

Wild Rose—Very bright rose or blush tint, exceedingly delicate and pretty.

This variety stands alone in its particular color, and needs only to be seen to be appreciated. Each 30c.

One of each of the above collection, \$1 25.

Groff's Hybrid Gladiolus

(Originator's Own Collections)

Groff's latest selections New Dark Hybrids, strong blooming bulbs, red, scarlet, cerise, pink, salmon and crimson shades.

Each 7c, doz
75c, per 100 \$4.50.

Groff's latest selection New Light Hybrids, strong blooming bulbs.

Each 7c, doz
75c, per 100 \$4.50.

Groff's latest selections, New Blue Hybrids, blue, lilac and heliotrope shades, strong blooming bulbs.

Each 10c, doz
\$1.00 per 100
\$8.00.

Groff's latest selection, new yellow Hybrids.
 Each 10c, doz 90c,
 per 100 \$6.00.



Gladiolus—Simmers' Fine Mixed

Gladiolus in Separate Colors

All Large Flowering Bulbs

	Each	per doz.	per 25	per 100
White and Light Varieties, mixed, superb.	04c	\$0 45	\$0 85	\$3 00
Striped and Variegated, extra fine mixed.	05	0 60	1 10	4 00
Pink Varieties, fine pink and rose shade....	04	0 45	0 75	2 50
Red and Scarlet Varieties, extra fine.....	03	0 35	0 60	2 50
Yellow and Orange Varieties, best yellow varieties	07	0 80	1 50	5 00
Groff's Hybrids.....	04	0 45	0 75	2 50

Our General Mixtures

Our mixed Gladiolus are very fine indeed, being choice varieties only. All old and common ones have been discarded, and customers can depend on having a large and magnificent variety of color.

	Each	per doz.	per 25	per 100	per 1000
Simmers' Extra Fine Mixed...	03c	30c	50c	\$1 75	16 00
Lemoine's Seedlings, Mixed.....	04	30	50	2 25	20 00

Book on Gladiolus by Mathew Crawford and Dr. Van Fleet, 120 pages. Each, \$1.50.

Remember all are postpaid at prices quoted except 100 lots. The 100 rate does not include carriage.

HARDY LILIES

All Bulbs are sent by Mail postpaid, unless noted.



Lilium Auratum

leaves, which may be forked in the spring, thus supplying enrichment to the soil. Their ease of culture, hardiness and freedom of bloom commend them to every flower lover.

AURATUM

Justly famous as the most beautiful and fragrant of all Lilies, flowers white, dotted crimson, with a clear, broad golden band running through the centre of each petal.

Size 8 to 9 inches in circumference.....	Each	15c,	3 for 40c,	dozen	\$1.50
" 9 to 11 " " "	"	20c,	4 for 75c,	"	2.00
" 11 to 13 " " "	"	30c,	4 for \$1.00	"	3.00

SPECIOSUM SORTS

ALBUM—Pure white, with beautiful recurved petals, very fragrant.

Size	8 to 9 inches in circumference.....	Each	20c,	3 for 50c,	dozen \$2.00
"	9 to 11 " "	"	25c,	3 for 65c,	" 2.50
"	10 to 12 " "	"	30c,	4 for \$1.00	" 3.00

RUBRUM, Crimson Banded—Flowers are white, with a deep rosy or crimson band on each petal, with deeper colored spots between. They are five to six inches in diameter, very fragrant, and have all the hardness of the Speciosum Class.

Size	8 to 9 inches in circumference.....	Each	15c,	3 for 40c,	dozen	\$1.50
"	9 to 11 " " "	"	20c,	4 for 75c,	"	2.50
"	11 to 13 " " "	"	30c,	4 for \$1.00	"	3.00

Roseum—White, shaded and spotted with rose. Each 15c, doz. \$1.50.

Melpomene—Each petal is completely covered with blood-red, except a clear, frosty, white border. Extremely handsome and perfectly hardy. Each 15c. doz \$1.50.

Magnificum—A very beautiful variety, flowers nearly double the size of other varieties and of taller, sturdier growth. It is a close ally of Speciosum Melpomene, but of much larger size and richer coloring. Rich red, heavily spotted. Each 25c, per dozen \$2.50.

Longiflorum—A variety bearing beautiful snow white trumpet-shaped flowers of rare fragrance, almost exactly like *Lilium Harrisii* in shape, but being perfectly hardy. Each 15c, doz \$1.50.



Gloxinia



Type of *Lilium Speciosum*

early in the spring, very easily grown, requiring sandy soil. Each **20c**, 3 for **50c**, 12 for **\$1.75**.

Excelsum—This stately and beautiful variety grows from 5 to 6 feet in height, and bears from 6 to 12 fragrant, nodding flowers, of a delicate buff color. Each 50c. 3 for \$1.35.

Superbum—The finest of the native Lilies. Flowers bright orange red thickly spotted with purple. A strong plant, bearing from 20 to 30 flowers. Extra sized bulbs, each 10c, doz \$1.00.

Tigrinum—Spotted Tiger Lily. Each 15c, per doz \$1.50.

Tigrinum, fl. pl.—Spotted Tiger Lily with double flowers. Each **10c.** 4 for **35c.**

Candidum—The pure white garden lily, flowers snowy white, with heavy yellow stamens; hardy and free blooming, bearing 5 to 20 blossoms. Plant early and leave them undisturbed. Each 10c, 3 for 25c, 6 for 50c. per doz \$1.00.

Orange Lily (*Bulbocodium Auranti-*
cum)—Each 15c, per doz \$1.25.

LILY COLLECTIONS

10 Separate Varieties for \$1.25,
postpaid.

ONE BULB EACH

Auratum, Roseum, Rubrum,
Album, Melpomene, Longi-
florum, Martagon, Tigrinum,
Tigrinum, fl. pl., Tenui-
folium.

5 SEPARATE VARIETIES, for
75c, postpaid.

ONE BULB EACH

Auratum, Roseum, Rubrum,
Album, Melpomene.



Lilium Tenuifolium

GLOXINIA

This charming class of summer-flowering bulbs delights in a loose, porous soil composed of equal parts of fibrous loam and leaf mould, to which has been added a liberal sprinkling of thoroughly decayed, well-pulverized manure or bone meal and sharp sand. They should be shaded from the direct rays of the sun, but exposed to as much light as possible, greater success is attained by starting the bulbs in bottom heat. Our collection embraces all the popular varieties, ranging in color from the purest white through all the shades of crimson and purple, spotted and mottled.

SEPARATE COLORS—Pink, Rose and Pink, White, Blue, Tiger Spotted. Each
15c. 4 for 50c. doz \$1.50, 25 for \$2.50, 100 for \$9.00.



Calla Elliottiana



Fancy Caladiums



Black Calla



Cooperia Drummondii



Caladium Esculentum

CALADIUM ESCULENTUM

(Or Elephant's Ears)

One of the most beautiful and striking ornamental foliage plants in cultivation, either for culture in pots or for planting out upon lawns. It will grow in any good garden soil, and is of the easiest culture. When of full size it stands about 5 feet high, with immense leaves, often measuring 4 feet in length by 2½ in breadth.

Price—	Each	Per Doz.
Size 11 to 14 inches in circumference	25c	\$2 50
" 9 to 11 " " "	15c	1 50
" 7 to 9 " " "	10c	1 00

CALADIUM (Fancy Leaved)

A most beautiful class of plants, with the brightest and most peculiarly marked leaves of any foliage plant. They are easily grown and from the first of June until October no house plant can vie with their beauty. Bulbs must be stored in the winter where it is quite warm and not too dry. Our collection consists of 30 fine varieties. Each 20c, 5 for \$1.00, doz \$2.25.

DWARF CALLA "LITTLE GEM"

Indeed a "pigmy" scarcely ever exceeding the height of 1 foot, yet producing good sized flowers in great abundance. The flowers will be found exceedingly useful for "cut flower work."

Price—Each 20c, 3 for 50c.

WHITE CALLA (Lily of the Nile)

Pure white, splendid bloomer. Each 20c, 3 for 50c.

SPOTTED LEAF CALLA

(Richardia Alba Maculata)

A very ornamental plant even when not in bloom; foliage beautifully marked with transparent white spots showing to great advantage before a window. Flowers white, with black centre. Blooms splendidly in the garden or as a pot plant. Large bulbs, to bloom at once.

Price—Each 15c; 2 for 25c; doz \$1.50.

CALLA ELLIOTTIANA

A grand acquisition—the finest yellow Calla we have seen; large, rich, deep golden flowers, often 4 to 5 inches across at the mouth; habit of growth and foliage like the old favorite White Calla, excepting the leaves of Elliottiana are spotted with white, rendering it an unusually showy pot plant. Each 50c.

BLACK CALLA (Arum Sanctum—Solomon's Lily)

The large, wavy leaves, which are of a rich green color, veined light green, resemble those of Calla Ethiopica. The flower is about 14 inches long and from 7 to 9 inches across, of a brilliant dark purple color. The spike rising about 10 inches above the centre of the flower is velvet-like and quite black.

Price—Extra large roots, each 20c, or 3 for 50c.

GIANT CYCLAMEN

Certainly most interesting and beautiful winter and spring flowering bulbs. Not only are the flowers of striking beauty, but the foliage is also highly ornamental, being handsomely marked with the various shades of green, gray and white.

Giant Rose Giant White Giant Red Giant Mixed 20c each, doz \$2.00.

COOPERIA DRUMMONDII

(The Giant Fairy Lily)

Plant in spring, either in open ground or pots, where they will bloom freely most of the summer, sending up beautiful lily-like white blossoms on stems 10 to 15 inches high. In the fall lift the bulbs and keep dry over winter. One of the easiest bulbs to grow, sure to bloom freely. Strong bulbs 5c each. 6 for 25c.

CYPELLA HERBERTI

(Golden Cup)

The flowers are of a deep golden yellow, each petal having a broad, rich purple stripe through the centre, and spots of the same color at the base. As the flowers are produced in quick succession and many on a spike, it is scarcely ever out of bloom. Keep dry in winter.

Price—Each 20c, 3 for 50c.



Cypella Herberti

HYACINTHUS CANDICANS

A very striking and beautiful plant. It is a strong grower and quite hardy, shoots upward a stem 4 or 5 feet high, which bears quantities of drooping, ivory-white, bell-shaped flowers of delicate fragrance. It is very attractive planted among shrubbery or with Lilies or Gladioli. Each 10c, 3 for 20c, doz 75c.

LILY OF THE VALLEY

No flower so easily wins our love and keeps it for ever as the Lily of the Valley—the sweetest and most delicate flower, being perfectly hardy, and each succeeding year rewarding the grower with greater abundance of deliciously fragrant blossoms. Strong clumps, each 35c. Strong pips 5c each, 6 for 20c, 12 for 35c.



Madeira Vine

MADEIRA VINE

A tall, half-hardy, tuberous-rooted, climbing plant of rapid growth, bearing copious and graceful racemes of deliciously fragrant white flowers. Very useful for screens and trellis work. Each 5c, 3 for 10c, doz 40c.



Montbretia Crocosmiaeflora

MONTBRETIA

Showy flowers on spikes 12 to 24 inches long; superfine mixture. Each 5c, doz 50c.

TUBEROSE

Everybody's Favorite

Sweetest-scented Flower that blooms.

Excelsior "Pearl"
Double—This pure white, perfectly double, delightfully fragrant flower, invaluable for bouquets, is too well-known to need any description. The growing plant is fond of light and heat, and must have full sunlight when bedded and plenty of water when it begins to grow freely, but not too much water when first planted and should not be planted outside before May 1st. This variety grows only 24 inches, about half the height of the old double sort, and the flowers are nearly twice the size (often two inches in diameter), and imbricated like a Camellia, deliciously fragrant. (See Cut).

Each 5c, 6 for 25c, doz 40c, postpaid; 25 for 60c, 100 \$1.50, carriage extra.

Excelsior
"Pearl"
Double
Tuberosa

SUMMER FLOWERING OXALIS

Valuable for edging walks, flower beds, etc. Bulbs planted 3 inches apart form rounded rows of delicate foliage 1 foot high, which produce flowers in endless succession.

Versicolor.—White margined vermillion. Each 5c, 3 for 10c, doz 30c, 100 for \$2.00.

Lasandria—Rosy pink, 5c each, 3 for 10c, doz 30c, 100 for \$2.00.

Dieppi—Rosy white, 5c each, 3 for 10c, doz 30c, 100 for \$2.00.

MILLA BIFLORA

(Mexican Star or Frost Flower).

This charming flower blooms profusely all summer; the flowers are fully three inches in diameter, and pure waxy white; they are borne on slender, rush-like stems. Each 5c, doz 50c.



Mexican Star or Frost Flower (Milla Biflora)

ZEPHYRANTHES

The Zephyr flowers or "Fairy Lilies" are gems of rare beauty. Planted in pots, or in the open ground, they produce very beautiful lily-like flowers all summer, and will be greatly admired by all who see them.

Atamasco—Large, pure white. Each 5c, doz 50c.

Rosea—Beautiful, clear rosy pink. Each 5c, doz 50c.

\$1.00 Spring Bulb Collection

Contains 25 Summer Flowering Bulbs, which we will send free by mail or express for only \$1.00:—

2 Milla Biflora	4 fine Oxalis	1 Spider Lily	1 Hyacinthus Can-
1 Madeira Vine	1 Cyclobothra	1 Double Dahlia	dicans
4 Mixed Gladioli	2 Pearl Tuberoses	2 Cinnamon Vines	2 Tuberosus-Rooted
1 Lilium Longi-	1 Amaryllis Treata	1 Caladium (Ele-	Begonias
florum	1 Tigridia	phant's Ear)	

This collection will furnish flowers from early spring until late in the fall and if properly cared for the Bulbs can be stored over winter and planted again in the spring.

PHADRANASSA GLORIOSA

The flowers are borne in pendulous clusters, and with an odd mingling of colors, green, orange, scarlet, etc.; always admired, for it is a very odd and exceedingly interesting plant; the clusters of fine drooping blossoms are entirely unlike any other species of Amaryllis. Each 15c, 3 for 40c.



Phadranassa Gloriosa
(Gay Queen or Queen Lily)

THE RESURRECTION PLANT

(Or Rose of Jericho)

Imagine a bunch of withered-looking curled-up shoots, brown, stiff and apparently dead, resembling a bird's nest. Place it in water; in an hour what

a transformation. The withered-looking bunch has now opened, and is transformed into a patch of bright green moss. Each 15c, 2 for 25c

JAPANESE AIR PLANT OR SEA MOSS

This is not a live plant but a beautiful Sea Moss of a delicate and feather-like pattern, bright green color, useful for curtain or window decoration. Each, 20c, 3 for 50c.

SNAKE LILY

(Sauromatum or Amorphophallus Simlense)

A very remarkable flower, 15 inches long, the inside of which is of a peculiar golden color, spotted purple, while the back is of metallic brown. Fine palm-like foliage. (See illustration). Large bulbs 15c each, 2 for 25c.



Snake Lily

50c. Spring Bulb Collection

Contains 15 splendid Summer Flowering Bulbs which we will send free by mail or express for only 50 cents:—

1 Double Dahlia	1 Hyacinthus Can-
2 Gladioli	dicans
1 Cinnamon Vine	1 Madeira Vine
2 Tuberoses	1 Tigridia
3 Milla	3 Oxalis

All the above bulbs are fully described, and most of them illustrated in the Bulb department of this Catalogue.

TIGRIDIAS

(Peacock Tiger Flower or Mexican Shell Flower.)

Extremely handsome summer flowering bulbs, growing about 2 feet high, producing large gorgeous flowers, exquisitely spotted.

Canariensis—Bright yellow. Each 6c, doz 60c.

Conchiflora—(Mexican Shell Flower)—Dark yellow, large red spots. Each 5c, doz 45c.

Pavonia (Peacock Tiger Flower)—Very large, bright crimson centre, mottled with yellow. Each 5c, doz 45c.

Grandiflora Alba—Flowers large, ivory white, spotted at the base with red on a yellowish ground, forming a fine contrast with the white of the petals. Each 6c, per doz 60c.



Tigridia or Tiger Flower

SPECIAL OFFER OF TIGRIDIAS

One each of the above four varieties for 20c, or three Bulbs of each variety for 45c.



Begonia "Luminosa"



Rex Begonia



Begonia Thurstonii



CYPERUS, OR UMBRELLA PLANT

A strikingly handsome plant, suitable for the house, of easy culture, and sure to give you complete satisfaction. It reproduces itself from the roots and may be subdivided. Each 20c, 3 for 55c.

ORNAMENTAL ASPARAGUS

SPRENGERI—A pot plant or for planting in suspended baskets; the fronds are of a rich shade of green, and most useful for cutting, retaining their freshness after being cut for weeks. An excellent house plant, as it withstands dry atmosphere. Strong plants, 25c each.

Plumosus Nanus—This graceful climbing Asparagus has to a great extent taken the place of the once popular Smilax. It is much more graceful, its foliage being finer than that of the most delicate fern, and it will last for weeks after being cut. It is an excellent house plant, succeeding under almost any conditions. Strong plants, 25c each.

SPECIAL OFFER—One each of the two Asparagus Ferns, 45c.



Asparagus Plumosus

AGAPANTHUS UMBELLATUS (Blue Lily of the Nile)

Flowers are very bright, produced on long spikes, raising them well above the plant. There is no better plant for growing in pots or tubs on the lawn. Grow very rapidly and should be divided and repotted when roots overcrowd the pot. Blue or white. Each 30c. Large plants 50c, by express.

AGERATUM—Very useful for borders

Blanche Dwarf—Compact, pure white.

Inimitable—Lovely lavender blue, the finest Ageratum in existence.

Princess Pauline—Blue, with white centre.

Each 10c, doz. \$1.00.

FLOWERING BEGONIAS

Alba Picta—The leaves are glossy green, freely spotted with bright silvery white.

Argentea Guttata—Upright grower, largely spotted white.

Bertha Chateaufort—Bright cherry red.

Compta—Stems and under side of leaves red, upper side white and green.

Feastii—Low growing glossy leaves, pink flower.

Incarnata Grandiflora—Rich pink, best winter variety.

Manicata Aurea—Large, glossy, green leaves, beautifully blotched with creamy white, clear carmine etchings in the matured leaves.

Marguerite—Of the style of Metallica, but a hardier and better grower.

Odorata—White, sweet-scented.

Otto Hacker—Vigorous grower, upright habit, with large, shining deep green leaves. The flowers are borne in immense clusters. Color a beautiful coral red.

Paul Bruant—Light pink, glossy fine foliage—good for winter.

Pond Lily—Glossy, roundish leaves, pink, flowers mostly in winter.

Thurstonii—Rich pink, handsome foliage. (See cut).

Weltoniensis—Best summer blooming variety—pink.

ANY OF THE ABOVE 20c EACH

SPECIAL OFFER—Any three varieties for 50c, postpaid.

BEGONIA "LUMINOSA"

This is after the type of the old variety Erfordii, but of more symmetrical growth. Flowers, brilliant scarlet, are produced in the greatest abundance all the year round. Fine either as a pot plant, as a bedder, or for basket vases, etc. The best all round variety. Price—each 25c, 5 for \$1.00.

Rex Begonias (Ornamental Leaved Varieties)—Many improvements have been made in recent years in this useful house plant. Our collection, which contains some 20 varieties, embraces all the good old varieties, as well as the best of recent introductions. (See cut.) 25c each.

BEGONIA TUBEROUS ROOTED

Single—Tuberous-rooted, variety of colors, well started plants. 20c each. Postpaid. Per doz. \$2.00. By Express.

Double—Tuberous-rooted, assorted colors, good strong plants, 25c each. Postpaid. Per doz. \$2.30. By Express.

CALADIUM ESCULENTUM (or Elephant's Ears)

One of the most effective plants, for beds, borders or for planting out upon the lawn, may be planted in a damp situation, strong started plants. 35c each, 3 for \$1.00; \$3.00 per doz., by express

BOUGAINVILLEA SANDERIANA

This beautiful free-flowering variety, on account of its free-flowering qualities, has become quite popular. It is of strong and rapid growth, and the brilliant rosy crimson blossoms are produced almost the whole year. 25c each.

ALTERNANTHERA

Beautiful dwarf plants of compact habit, growing about six inches high, admirably adapted for edgings, beds or ribbon lines. In four best varieties. Each 8c, doz 80c, postpaid; \$6 per 100, at purchaser's expense.

CHINESE PRIMROSE

Our plants are of the largest flowered class, grown from seed. Each 25c, postpaid.

GREVILLEA ROBUSTA

A very beautiful shrubby plant with fern-like foliage, and rich, golden-yellow trusses of flowers; soon forming fine plants. Each 25c, 3 for 65c.



"New Century" Giant Flowering Caladium

"CENTURY"

GIANT FLOWERING CALADIUM

It produces leaves from 3 to 5 feet long, 2 to 2½ feet broad, and is much larger than the ordinary Caladium or Elephant's Ear. The leaves are of a heavy leathery texture, bright glossy green color with metallic lustre, and are held on stout, stiff stems, well above the ground. Added to the foliage effect are the creamy white lily-like flowers from 12 to 15 inches long, which possess an exquisite fragrance, and are produced throughout the summer. 35c each.

CHRYSANTHEMUMS

Our list of Chrysanthemums is comprised exclusively of varieties standing first in their type and color.

EARLY FLOWERING KINDS (Large Flowers)

Beacon—Deep plum color.
Carrie—Rich yellow.
C. Choulet—Orange.
Goacher—Crimson and gold, of fine size.
Mad. Gastalier—White.
Madame Pasquier—Canary yellow.
 Any of the above list 10c each. The set of six for 55c, postpaid.

POMPONE VARIETIES

These are becoming the most popular of all Chrysanthemums—

Acto—Rose.
Angelique—White.
Canary—Dwarf yellow.
Elise Dordan—Rosy pink.
Jules Legrave—Deep crimson.
La Vierge—White.
Lero—Lilac.
Lulu—White.
Mrs. Bateman—Orange and brown.
Sieur Melaine—White.
Utor—Magenta.
Zenobia—Yellow.

Any of the above list 10c. each, 6 for 60c, 12 for \$1.20.

STANDARD VARIETIES

Beatrice May—Pink turning to white.
Black Hawk—Finest crimson to date.
Crowning Glory—Sulphur yellow, hairy, very late.
Dr. Englehard—Pink, large ball-shaped flowers.
Golden Wedding—Undoubtedly the grandest golden yellow variety.
George S. Kalb—Best very early white.
Jeanine Nonin—Late white, probably the largest flower to date.
L. Boehmer—Silvery pink, and deep rose, ostrich plume type.
Monrovia—Soft yellow, very perfect.
Mrs. Wm. Duckam—Deep yellow, fine pot plant.
Nivens—Clear white.
Paul Labbe—Bright purple, large.
Timothy Eaton—Finest and largest white; awarded highest honors whenever exhibited.
W. H. Chadwick—Very large late white.
Yellow Eaton—Very large yellow.



CARNATIONS

Enchantress—Pink.
Gov. Roosevelt—Rich scarlet shaded maroon
Harlowarden—Rich crimson
Mrs. T. W. Lawson—Dark pink, large
Red Lawson—Red.
White Lawson—White.

Any of the above Carnations, 10c each



Carnation

CASTOR OIL BEAN

Stately growing hardy annuals, their tall growth and fine foliage well suited for decorating shrubberies or lawns. Each 15c.

CLIVIA MINIATA (Immantophyllum)

A pretty lily like plant of the easiest culture, and the most desirable house plant. It flowers during the spring and summer months, remaining in bloom for a long period. The flowers are about two inches long, and are borne in dense clusters of from ten to twenty flowers on each. In color it is of a fine orange red shading to buff. Price—Good plants. \$1.50 each, by express only.

COBÆA SCANDENS

A beautiful climber of rapid growth, bearing large, bell-shaped flowers. Price—Large plants, each 20c, 3 for 50c.

COLEUS

Price—Each 10c, 6 for 50c, per doz 90c, per 100, \$6.50.

CYCLAMEN (Persicum Giganteum)

White and pink. Each 25c, 5 for \$1.00

DRACAENA (or Cordyline)

Indivisa—This variety is used very extensively as a centre plant for vases, urns, etc. It stands full exposure to the sun, and its long, narrow, graceful foliage contrasts beautifully with other foliage and flowering plants. Small plants, each 15c, postpaid; medium 25c; large 75c, by express only.



Coleus

SURPLUS COLLECTION

These Surplus Collections of Plants and Bulbs we are ready to fill by May 25th, and we will send plants amounting to not less than \$2.00, at Catalogue prices, and pay postage. If ordered by express we can send many more plants and of larger size; but they are always of our selection. Price \$1.00. Ready May 25th.

FUCHSIAS

Avalanche—Best dark Double Fuchsia, fine foliage.
Arabella—White tube and sepals, rose corolla, early.
Black Prince—Bright waxy carmine, pink corolla.
General Roberts—Red sepals, plum corolla, flower 4 in. long extra fine.
Mrs. E. G. Hill—Short tube and sepals, bright, rich reddish crimson color; corolla extra large, full and double; flowers of the largest size.
Molesworth—Best double white.
Mad. Bruant—One of the most double; sepals bright red; corolla rosy heliotrope, marked and veined with rose.
Rose of Castile, Improved—White with violet centre.
Speciosa—Flesh color sepals, red corolla. Finest of all for winter flowering.
Wave of Life—Golden foliage, crimson tube and sepals; fine purple corolla.
 Any of the above 15c each, 3 for 40c.

One each of the above 10 varieties for \$1.30 postpaid.

Fuchsia "Riccartoni"—This is the tree Fuchsia, which is hardy in Great Britain. It will not stand our winters outdoors, but makes a very fine tub plant. Flowers are light red, smaller than the ordinary Fuchsia, and are produced in the greatest profusion, especially in large plants. Each 30c.



Fuchsia

GLOXINIA

Our collection embraces all the popular varieties, ranging in color from the purest white, through all the shades of crimson and purple, spotted and mottled. Plants each 25c.

HIBISCUS

Peachblow—The flowers are double and from 4 to 5 inches in diameter; of a charming, rich clear pink color, with a small deep crimson centre; an entirely new and most beautiful shade.

Miniatus Semi-Plenus—Double, rich crimson

Sub Violaceus—Extra fine double, rosy red.

Carminatus Perfectus—Large orange red, single.

Any of the above 25c each, 4 for 75c.



Hibiscus, Peachblow



Double Geranium

GERANIUMS

By Mail, Postpaid.

DOUBLE AND SEMI-DOUBLE GERANIUMS

Admiral Jones—Rich Crimson.
 Adrienne Corret—Light rosy red, shaded magenta, fine bedder.
 Alphonse Ricard—Light scarlet, large.
 A. H. Frego—Brightest scarlet.
 Beaute de Poitevin—Very large, semi-double, brilliant salmon.
 Bertha de Presilly—Delicate pure pink, sometimes marked red.
 Bruant—The double General Grant, the standard scarlet bedder.
 Comtesse de Harcourt—Very fine white.
 Dr. Philippe Tissie—Reddish pink, white centre.
 H. Legrange—Rosy carmine, light centre.
 Jean Oberle—Salmon white edge.
 Jean Viaud—Fine, large pink.
 Jno. Doyle—Bright scarlet.
 La Favorite—The trusses are very large, flowers beautifully formed, of the purest white.
 Mad. Olga Altieri—Light salmon rose.
 Marquis de Castellane—Magenta, very fine.
 Roi de Portugal—Purplish rose, white centre.
 Roi Edward—Deep rich pink, light centre.
 S. A. Nutt—The best rich dark crimson variety. A fine bedder.
 Theocrite—Blush white.

Any of the above 10c, each, 3 for 30c, per doz \$1.20.

SINGLE GERANIUMS

Athlete—Light red.
 Baronne Grubissich—Clear pink.
 Jacquerie—Rich crimson best of its color.
 Juste Olivet—Pink, reddish centre.
 Lady Reed—Light salmon best of its color.
 L'Aube—Immense pure white.
 Madame Bruant—White veined and edged purplish pink; good bedder.
 Mile. Chainjeau—Rich flesh color.
 Maxime Kovalovski—Red, strongly shaded with yellow.
 Mrs. E. G. Hill—Large, deep salmon.
 Phoebe—Magenta.
 Sam Sloane—Dark scarlet, "The Scarlet Bedder."
 Any of the above 10c each, 3 for 30c, per doz \$1.20.



Single Geranium

BEDDING GERANIUMS

We can supply bedding size Geraniums, well grown thrifty, strong plants of the leading sorts at \$1.25, \$1.50, \$1.75 and \$2.00 per doz by express.

SCENTED GERANIUMS

Rose, Lemon, Nutmeg, Mrs. Taylor (scarlet flowers). Each 15c, one each of the four 55c.

IVY LEAVED GERANIUMS

The double Ivy Geraniums are remarkably popular at present, and deservedly, for the new Hybrids in richness of color surpass all Geraniums.
 Beauty of Castlehill—Beautiful soft red, extra large.
 Bride—Pinkish white.
 Caesar Franck—Large deep red.
 Col. Baden Powell—Blush white with dark centre.
 Corinthienne—Blush rose.
 Jeune Gillet—Rich purple.
 Robert Owen—Very large rosy red.
 Roi de Wurtemberg—Light red.
 Souvenir de Chas. Turner—Light scarlet, double.
 Theodore—Dark red.
 Any of the above 15c each, 2 for 30c, 6 for 85c.

VARIEGATED-LEAVED GERANIUMS

Madame Sallerol
 —(Silver Edge)
 A dwarf variety rarely over 6 inches high, foliage green, bordered white, fine for edging, 10c each, 3 for 25c, 75c per doz.

Mrs. Pollock —
 Golden tricolor bronze scarlet zone, golden edge scarlet flowers. Each 10c, doz \$1.00.

Bismarck—Very fine bronze, salmon flowers. Each 10c, 3 for 25c.

Silver Nutt—Double crimson flowers. Each 10c, 3 for 25c, doz \$1.

Wm. Languth —
 Light red, double. Each 15c, 2 for 25c.



Variegated Leaved Geranium "Wm. Languth"

HYDRANGEAS

The Hydrangeas are well known favorites, grown as pot plants, their immense heads of bloom making them very conspicuous. A little shade and plenty of water meet all their needs.

Hydrangea Paniculata—See Hardy Shrubs, page 86.

Otaksa—A Japanese variety lately introduced, beautiful large glossy foliage, large heads of pink flowers. 20c each, 3 for 50c.

Otaksa Monstrosa—Intense red; shaded white; borne in large clusters, quite small plants bearing blooms of the most enormous size, and which are very lasting in quality. 20c each, 3 for 50c.

Thomas Hogg —
 Large, pure white flowers, which, on well grown plants measure more than 12 inches in diameter. 20c each, 3 for 50c.

Hortensis Nigra—Rich pink, very large and fine, black stems. 20c each, 3 for 50c.



Hydrangea Otaksa Monstrosa

HELIOTROPES

Heliotropes are great favorites, principally on account of their delicious fragrance; they grow freely under glass, and may be planted in the open border during the summer. 10c each 3 for 25c, doz \$1.00.

Bedding Stock—15c. each, per doz \$1.65.

LEMON VERBENA

A universal and well-known favorite grown principally for its deliciously scented foliage. 20c each, 3 for 50c

BEAUTIFUL WEEPING LANTANA

A trailing variety flowering freely; color mauve or lilac. Price—each 10c, 3 for 25c, 6 for 50c, postpaid.

MANETTIA BICOLOR

Flowers tubular, bright red, tipped yellow. 15c each, 2 for 25c.

MUSA ENSETE

Abyssinian Banana — A grand lawn plant of easiest cultivation in the open ground in summer, or for the conservatory in winter. Large plants \$1.50 each, by express only.



Heliotrope



The Wonder Lemon

THE WONDER LEMON

A Lemon with large glossy leaves and bearing fruit of immense size. Easily grown and cared for. Small plants, 20c each.

IVY (English)

Can supply either the green or variegated leaved variety. Price 20c each.

IMPATIENS

Sultani (Sultans Balsam) flowers bright pink. Price 15c each.

Holsti—Robust growth, brilliant orange flowers. Price 15c each.

NICOTIANA

Affinis—Known as Evening Tobacco, scented white flowers, 10c each, \$1.20 doz.

Sanderæ—Light purplish red flowers. 10c each, \$1.20 doz.

PANSIES AND DAISIES



Pansy

Daisies—Pink and white, 3 for 10c, 35c doz, \$2.50 per 100.

Pansies Grown from prize strain. There are no better Pansies. These should always be sent by express. Doz (not prepaid) 50c, 25 for \$1.00 50 for \$1.75, 100 for \$3.50.

PETUNIAS

DOUBLE

A fine assortment of the best sorts of all colors. Each 15c, 2 for 25c, doz \$1.40.

PRIMULA

Obconica—One of the most useful flowering plants, always completely covered with flowers of a soft lilac shade. Each 25c.

Primrose, hardy double white. Each 20c, 3 for 50c.

Primrose, Harry Mitchell—Very large, yellow. Each 20c, 3 for 50c.

SALVIA

Can supply the following varieties: Clara Bedman, Little Lord Fauntleroy, Zurich. Each 10c, dozen \$1.00.

SWAINSONIA GALEGIFOLIA ALBA

A most desirable ever-blooming plant, with pure white flowers, produced in sprays of from 12 to 20 flowers each, the individual blooms resembling a Sweet Pea. 15c each, 2 for 25c.

PELARGONIUMS (Lady Washington Geraniums)

These are the Royal George or Lady Washington Geraniums of old times and which are now becoming as popular as ever again, and certainly nothing is showier as a pot plant for summer. We offer a number of the choicest kinds embracing all shades of color.

Bridegroom—Lavender pink, with large blotches.

Dr. Andre—Clear reddish pink, maroon spots.

Emperor—Very light pink, spotted crimson.

Maid of Honor—White, with pink and crimson blotches.

Mrs. F. Mitchell—Dark pink, maroon spots.

Queen Wilna—Blush pink, with maroon spots.

Surprise—Red, with crimson and maroon shading.

Victor—Clear red, blotched maroon, very fine.

Each 20c, one each of the eight varieties, \$1.50.

We can supply larger plants of the above at 40c each.



Pelargonium (Lady Washington Geranium)

FINE FERNS



Boston Fern

The following list are amongst the hardiest and most useful for decorating purposes.

Adiantum Cuneatum—The popular Maiden Hair Fern.

Aspidium Tsus-simense—One of the best for fern dishes.

Cyrtomium Falcatum—Glossy leaved Holly Fern.

Nephrolepis Bostoniensis—Boston or Fountain Fern.

Nephrolepis Scotti—Semi-dwarf form of Boston Fern.

Nephrolepis Whitmanii—Much the finest and best of the improved Sword Ferns, it is nearly as finely cut as the Maiden Hair Fern.

Polystichum Setosum—Very fine.

Pteris Cretica Alba Lineata—A useful variegated variety.

Pteris Tremula—Well-known and useful Fern.

Pteris Wimsetti—Crested foliage.

Price of any of the above, each 30c. One of each of the above list (10 varieties), \$2.50, postpaid.

ARAUCARIA

(Norfolk Island Palm)

Excelsa—The most popular of all the tender evergreens; is becoming a greater favorite every season. As a decorative plant for the house this is one of the handsomest and most serviceable plants. Price—5 inch pots \$1.25. 6 inch pots \$2.00, each. By express only.

RUBBER PLANTS

Ficus Elastica—The well-known India rubber tree, one of the very best for table or parlor decoration.

4-inch pots...\$0.70 5-inch pots...\$1.00 6-inch pots...\$1.25

By express only.

KENTIA BELMOREANA PALM

The best of the Palm species for general cultivation, being almost impregnable against diseases. The variety shown in the engraving is one of the best in its class, graceful habit, bright green foliage, gracefully disposed; as a decorative plant for the window, table or conservatory, it scarcely has an equal. (See cut)

12-15 inches high, each...\$0.65

15-18 inches high...1.00

By express only.

18-22 inches high...1.50

22-24 inches high...1.75

SPECIAL HOUSE PLANT OFFER

Mailed, postpaid, for only \$1.25

One Boston Fern.
One Rubber Plant.
One Kentia Belmoreana Palm.
All Good Plants



Kentia Belmoreana

ANNUALS

During the bedding out season we supply strong, well grown, thrifty plants of the following. Not less than 12 of any variety at these rates.

We reserve the right to substitute in case varieties ordered are out of stock.

ASTER—Comet, in colors, pink, white or blue.
" " mixed.

ASTER—Giant—Branching, in colors, white, light blue, pink.
" " mixed.

ASTER—Hohenzollern—in colors, white, rose, azure blue.
" " mixed.

ASTER—Truffauts Paony flowered—in colors red, white, blue.
" " mixed.

BALSAM—Camellia flowered double mixed.

MARIGOLD—African tall, mixed.
" " African dwarf mixed.
" " French tall mixed.

Phlox Drummondii mixed.
Petunia—Emperor, mixed.
" " Giants of California, mixed.

Snapdragon—Tall mixed.
" " Dwarf mixed.

Stocks—Double 10 weeks mixed.
" " Double white.

Verbena—Mammoth mixed.
Zinnia—Double mixed.

Per dozen 20c, postpaid.

ROSES



Rose "Frau Karl Druschki"



Half Hardy Tea or Ever Blooming Roses



Hardy Tea Roses

HOW TO GROW ROSES

To obtain most satisfactory results Roses should be planted in rich deep, well-drained soil and severely pruned in spring before buds start. In severe winters some varieties freeze down if unprotected. An excellent plan to winter successfully is to knock out the heads of old nail kegs and slip one over each bush just before winter and fill the keg with fine earth. In the spring early take off the keg and prune off the wood above the keg—which would be about the right height to prune a rose bush. In this way roses can be grown anywhere, and what is there to equal the rose in beauty.

DWARF BEDDING ROSES OR
BABY RAMBLERS

A type of Rose which is becoming very popular for bedding purposes. They form shapely, compact, bushy specimens about 18 inches high, producing in great profusion from early in the season until severe frost, immense trusses of small flowers.

Crimson Baby Rambler—(Mad Norbert Levavasseur) Crimson flowers, similar to the popular climbing Crimson Rambler.

Pink Baby Rambler—(Avery Muller). Brilliant luminous pink—a shade that is always admired.

White Baby Rambler—(Katherine Zeimet). Pure white flowers produced in large candelabra-shaped trusses, showing the yellow stamens very prettily.

Price—Any of the above, Strong Plants, 25c. each, 3 for 70c.

RAMBLER ROSE
"TAUSENDSCHON"

This is an entirely new and distinct Climbing Rose. It is a strong, rapid grower, not subject to mildew or disease of any kind. Its color is a beautiful shade of pink when opening, changing to carmine on the reverse of petals, when fully expanded. The flowers are borne in trusses of from 10 to 15; each individual flower being fully 3 inches across.

Strong two year old bushes, 50c. each.



Dwarf Crimson Rambler

HARDY TEA ROSES (Low-budded on Briar Stocks)

That will produce a mass of Roses to cut during the entire Season.

Augusta Victoria—Large creamy white flower, shading deeper towards the centre.

Gruss an Teplitz—Richest scarlet, very fragrant, flowers large and double. Blossoms continuously all summer.

Hermosa—Undoubtedly the best pink bedding rose in cultivation.

Killarney—Large brilliant pink, perfectly hardy, and free flowering.

Mme. Caroline Testout—Flowers very large and full; clear satiny rose, very fragrant.

Maman Cochet—An extra strong grower, free flowering and very double; color deep rose-pink.

Papa Gontier—One of the finest Roses either for out of doors or for winter forcing; dark carmine crimson.

Richmond—A most valuable variety of brilliant crimson scarlet, very free flowering.

W. A. Richardson—Orange yellow, entirely new shade, very desirable. Strong two-year-old bushes 40c each, 3 for \$1.00; \$4.00 doz, postpaid.

HALF-HARDY TEA OR EVER BLOOMING ROSES

(Grown on own roots)

These Roses are of great substance, with remarkably long, handsome buds and shell-petaled flowers of most exquisite soft shades and distinct tea-like fragrance. Largely grown in pots for winter blooming. Our roses are from summer propagations and are thus tough, vigorous, well-rooted and hard.

Bessie Brown—Creamy white, free flowering and fragrant; blooms all summer.

Champion of the World—Deep rosy pink, very free flowering.

Gruss an Teplitz—Rich scarlet, shading to crimson as flowers mature; free flowering and fragrant.

Franz Deegen—Rich yellow, shading to deep orange in centre; foliage dark, glossy green, resisting mildew.

Kaiserin—Pearly white, tinted lemon yellow in centre; very fragrant.

Meteor—Rich dark, velvety crimson, retaining its color, a constant bloomer, healthy with no tendency to mildew.

Viscountess Folkestone—A large, full flower of creamy pink, shading to deep salmon pink in the centre; very floriferous.

Snowflake—This variety is never out of bloom, and for a pure white bedding rose its equal is hard to find.

Clothilde Soupert—Color French white, deepening to rosy blush in the centre; one of the freest-flowering roses in cultivation, being in bloom all the time.

Maman Cochet—An extra strong grower, producing its large buds and flowers in the greatest profusion; color deep rose pink, inner side of petals silvery rose. Borne on long stiff stems; very double when in bud.

Any of the above, each 20c, 3 for 50c. The set of ten half-hardy Tea or ever blooming Roses for \$1.50 postpaid.

HARDY ROSES

LOW BUDDED ON BRIAR STOCKS



The illustration shows the character of the plants we supply; also the method of planting and pruning them after being planted. If planted as shown in the illustration, these roses, although budded, will emit roots where the true Rose joins the briar stock and will eventually become established on their own roots. The great value of these budded Roses lies in the fact that they produce better flowers and make stronger plants in a shorter period than those grown from cuttings; and the advantage is, that having no soil on the roots, and being dormant they are of little weight and can be sent cheaply by post or express.

HYBRID PERPETUAL ROSES

Alfred Colomb—A splendid rose; large, globular, full and very sweet; bright, clear cherry red, shaded with crimson.

American Beauty—The flowers are very double, of a deep crimson color, and very fragrant.

Baron de Bonstettin—Dark red, almost black; very large, double fragrant flowers; a strong grower.

Baroness Rothschild—A magnificent rose, color rich satiny pink.

Captain Christy—A lovely rose, blooming almost the entire season; very large double buds of deep flesh color.

Captain Hayward—Bright crimson carmine, an entirely distinct shade of color, of perfect form and very sweet.

Coquette des Blanches—Pure white, large and globular.

Duchess of Albany—Rich deep pink.

Fisher Holmes—Rich velvety crimson, large double, and of fine form.

Frau Karl Druschki (Snow Queen)—The best hardy white rose

General Jacqueminot—Brilliant scarlet crimson.

Gloire de Margottin—Dazzling scarlet.

John Hopper—Bright rose, carmine centre, flowers large, cupped.

Jules Margottin—Bright carmine, cupped, very fragrant.

La France—Splendid satin rose; large, fine form; a constant bloomer.

Louis Van Houtte—Dark velvety crimson, of good form.

Marshall P. Wilder—Cherry carmine, large, full, semi-globular flower.

Mabel Morrison—Pure white, in autumn faintly flushed with pink, a lovely and distinct rose.

Madame Augustine Guinoisseau, or White Lafrance—A beauty indeed, identical with "La France" except the color, which is pearly white sometimes tinted with fawn.

Marchioness of Londonderry—Ivory white petals, of great substance, shell-shaped and reflexed, highly perfumed.

Madame Gabrielle Luizet—Fine satiny rose, very large and full.

Magna Charta—Bright pink, suffused with carmine; a beautiful rose; strong vigorous grower.



White Lafrance

Margaret Dickson—The flowers are of the purest white, of extra large size and of immense substance; vigorous grower with fine foliage.

Merveille de Lyon—Pure white, shaded with satiny rose.

Mrs. John Laing—Delicate pink with satiny tinge.

Paul Neyron—Dark pink. Flowers often five inches in diameter, strong grower, almost thornless.

Prince Camille de Rohan—Deep velvety maroon, shaded scarlet.

Ulrich Brunner—Large bright cerise red.

White Baroness—Pure white.

Yellow Persian—Bright golden yellow, hardy rose.

Extra heavy two-year-old bushes 30c each, 4 for \$1.00, doz \$3.00 postpaid. Special quotations on larger quantities.



Hybrid Perpetual—Margaret Dickson

DAMASK ROSES

The Old-Fashioned Fragrant Cabbage Rose.

These four old Roses should be in every garden. Though they bloom but once a year, their fragrance, beauty, size, perfect hardiness, and the abundance of flowers they produce make them indispensable.

Cabbage or Provence—Rose pink flowers.

Madame Hardy—Beautiful large double white flowers.

Madame Plantier—Pure white, and a free bloomer; unrivalled for hedges or cemetery use.

White Provence—Pure white, delightfully fragrant.

Strong two-year old bushes 35c each, the set of 4 for \$1.25 postpaid



Hardy Rose—Paul Neyron

For Exterminating Insects on Roses use Rose Leaf Extract of Tobacco. Small Bottle 25c, postpaid 40c; Pint 40c; Quart 75c.

Hardy Climbing or Pillar Roses

The following list comprises the best of the hardy Roses, which are of climbing habit, and suitable for training on pillars, verandahs, etc.

Reine Marie Henriette (Red Gloire de Dijon)—Rich cherry crimson.

Sweet Briar—True old English, rosy pink.

William's Evergreen—Good size, bright pink, very attractive.

Prairie Belle—Deep red, full and double, strong grower.

Baltimore Belle—Blush white flowers in clusters, very double.

American Rubra—Rich cherry crimson, one of the finest.

Gloire de Dijon—Yellow.

Alpino Calippo—Purplish crimson, semi-double.

Madame Sancy de Parabere—Large scarlet flowers, vigorous grower.

Strong two-year-old bushes, 35c each. \$3.60 doz, postpaid.

RUGOSA ROSES

The lovely Ramanas or Rugosa Roses form sturdy bushes 3 to 5 ft. in height, covered with glossy foliage and clusters of beautiful single flowers, which emit a delightful odor. They bloom nearly the whole summer, and are covered during autumn and winter with red seed pods.

Rugosa—Fine glossy crimson.

Rugosa Alba—Pure white.

Extra strong plants 40c each, \$4.00 doz, postpaid.

MOSS ROSES

A class of Roses which is a general favorite. The beauty of the flower consists in the delicate mossy covering which surrounds the bud and which gives to the opening flower a unique appearance. The varieties listed comprise the best of this section, and are all perfectly hardy.

Blanche Moreau—Lovely pure white, large and full.

Crested Moss—Deep pink, crested.

Eugene Verdier—Vermillion red, very fragrant, one of the prettiest.

Glory of Mosses—Color rich glossy pink, tinged crimson.

Salet—Bright pink, bluish edge, large and full, mossy.

Mrs. Wm. Paul—Clear rosy.

Strong two-year-old flowering bushes 30c each; set of 5, \$1.25, postpaid.

THE MEMORIAL ROSE

(Rosa Wichuriana)

A beautiful single rose from Japan, blooming in clusters. Flowers fragrant, single, pure white, from 6 to 8 inches in circumference, with yellow stamens, followed in fall and winter with bright red fruit; prostrate trailing habit. Valuable for covering low walls, banks or rockeries, and for covering graves in cemeteries. It is perfectly hardy. Extra strong plants, 40c each, \$4.00 doz, postpaid.



Climbing or Pillar Rose



Moss Rose

RAMBLER ROSES

These climbing roses are of vigorous growth, making shoots from 8 to 10 feet in height during a season, and are consequently most desirable climbing varieties; when pegged down or grown as bushes marvellous heads of bloom are the result. They are exceedingly hardy. The flowers are produced in large trusses of pyramidal form.

Crimson Rambler—Strong two-year-old bushes at 40c each, \$4.00 doz.

Yellow Rambler (Aglais)—Extra strong two-year-old bushes 40c each, \$4.00 doz.

White Rambler (Thalia)—Extra strong two-year-old bushes 40c each, \$4.00 doz.

Pink Rambler (Euphrosyne)—Similar in habit to the White and Yellow Ramblers, except in color, which is a pure rose color, the partially open buds being bright carmine. The numerous yellow stamens lend an additional charm to the flowers. Strong two-year-old bushes 40c each, \$4.00 doz.

SPECIAL OFFER—One each of the 4 Ramblers, extra strong bushes, for \$1.40, postpaid.



Crimson Rambler

THE PHILADELPHIA CRIMSON RAMBLER

It differs from the Crimson Rambler in two important particulars. First, the color is brighter, deeper and more intense. Second, the flowers are perfectly double to the centre. It is a strong, healthy grower, free and abundant bloomer. Strong plants, each 40c, 3 for \$1.00.

DOROTHY PERKINS

New Pink Rambler Rose—As hardy as Crimson Rambler and same habit of growth. The flowers are about one and one-half inches across; are borne in clusters of from ten to thirty, and are very double; the petals are very prettily rolled back and crinkled. The color is a most beautiful shell pink and holds a long time without fading. Strong plants, each 40c; 3 for \$1.00.

MARESCHAL NEIL (Noisette)

Tender climbing rose so famous as to hardly need description. Beautiful large golden yellow; very full and double and exceedingly fragrant. It is a natural climber, and should not be pruned too short. Strong two-year-old plants each 60c, postpaid.

LORD PENZANCE'S HYBRID SWEET BRIARS

These are crosses between the common Sweet Briar and various old-fashioned Garden Roses; the flowers are single or semi-double. The plants are perfectly hardy, and the foliage is as sweetly scented as the common Sweet Briar.

Amy Robsart—Lovely deep rose, an abundant bloomer, robust and free.

Anne of Gierstein—Dark crimson, graceful branching habit.

Lady Penzance—Beautiful soft tint of copper, with a peculiar metallic lustre; the base of each petal is a bright yellow, very free flowering, with a delicious perfume from foliage and flower.

Lord Penzance—Soft-shade of fawn or ecru passing to the lovely lemon yellow in the centre, sometimes toned with a most delicate pink; very sweet scented.

Lucy Ashton—Pretty white blooms with pink edges, not so large as some others, wonderfully free flowering; free grower, foliage very sweet.



Lord Penzance's Sweet Briars

We offer strong two-year-old budded plants of the above at 40c each, doz \$4.00, the set of 5 for \$1.75, postpaid.

HARDY PERENNIALS

This class of plants, familiarly known as Old Fashioned Hardy Garden Flowers, has come into public favor again so rapidly as to astonish even the most sanguine enthusiast of these gems of the garden. Their popularity is not at all surprising when we consider the many varied and pleasant changes which take place throughout the entire growing season in a well-arranged hardy border, in which every week, yes, almost every day, brings forth something fresh and new. Early flowering varieties open up their flowers often before snow has entirely disappeared, and continuing with constantly changing variety throughout the summer until late in the fall, when severe freezing weather only will stop persistent late bloomers.

ACHILLEA

The flowers, which are borne on the greatest profusion the entire summer on strong, erect stems, are of the purest white.

"The Pearl"—Each 20c, 3 for 50c, doz \$2.00.

Rosea—Pink. Each 20c, 3 for 50c.

ACONITUM (Monkshood, or Helmet Flower)

The variety offered forms bushy clumps, with spikes 3 feet long, of hood shaped flowers, and are invaluable for planting under trees or in shady position succeeding better there than almost anywhere else.

Nappellus—Large dark-blue flowers; August and September. 20c each 3 for 50c, \$2.00 per doz.

ANEMONE JAPONICA

They commence to bloom in August and increase in beauty until frost.

Double White "Whirlwind"—Excellent double white flowers, 2½ to 3 inches across, held up on stems 10 to 12 inches long. Very desirable for cut flowers.

Prince Henry—Large very double rich pink flowers. Beautifully formed and very free flowering. 20c each, 3 for 50c, \$2.00 per doz.

Queen Charlotte—The finest of all the anemones, large semi-double flowers of that pleasing shade of pink peculiar to the La France Rose, a color that is as beautiful as it is rare among hardy perennials.

Any of the above 20c each; doz \$2.00.

ANTHERICUM LILIASTRUM (St. Bruno's Lily)

A beautiful plant with narrow grass-like foliage; and long spikes of white, fragrant, lily-like flowers. Each 20c, 3 for 50c, doz \$2.00.

AQUILEGIA (Columbines)



Aquilegia or Columbine

The Columbines are old favorite, late spring and early summer blooming plants, growing about 2 feet high, that succeed in any ordinary garden soil. The varieties offered are selection of the best kinds. (See cut.)

Canadensis — Our native Columbine, bright red and yellow.

Crysantha (Yellow flowered Columbine) — 2½ feet high, forming a bush two or three feet across, which is covered for two months with golden yellow flowers with long spurs.

Skinneri—Scarlet, with greenish tips; very distinct.

Vulgaris—The European violet-blue sort.

Any of the above 20c each, 3 for 50c, doz \$2.00.

ARABIS ALPINA (Rock Cress)

Specially adapted for the rock garden, but succeeds equally well in the border, where it forms a dense carpet, which is completely covered early in the season with pure white flowers. Each 20c, doz \$2.00.

ARTEMESIA ABROTAMNUM

(Old Man or Southernwood)

Dark green, finely cut foliage, with pleasant aromatic odor. Each 20c, doz \$2.00.

HARDY ASTERS (Michaelmas Daisies, or Starworts)

These are among the showiest of our late flowering hardy plants, giving a wealth of bloom at a season when most other hardy flowers are past. Our collection is made up of the choicest varieties only, the weedy sorts being eliminated. Each 20c, 3 for 50c, doz \$2.00.

BLEEDING HEART (Dielytra Spectabilis)

These pretty spring bloomers with their graceful drooping sprays of heart-shaped pink and white flowers, are very ornamental and bloom freely in early spring.

Pink—Each, 20c, 3 for 50c, doz \$2.00.

CAMPANULAS

Fine old garden plants which are now coming into favor again:

Cup and Saucer — Mixed colors.

Persicifolia — Purple flowers.

Persicifolia Moerheimi—New, very large white.

Pyramidalis—Blue and white

Canterbury Bells—Purple and white. Any of the above, each 20c, 3 for 50c, doz \$2.00.

CERASTIUM (Snow in Summer)

Tomentosum—A desirable low-growing plant with silvery foliage and white flowers, suitable for the rockery, or for carpeting dry, sunny spots such as covering graves or steep banks; can also be used with good effect in carpet bedding. 20c each, 3 for 50c, \$2.00 per doz.

CHRYSANTHEMUMS

(Marguerites, or Moonpenny Daisy)

Maximum Triumph—A free-growing plant, not exceeding 2½ feet in height, forming bushy plants, which continue in full bloom from early in July until late in October. The flowers are Daisy or Marguerite-like, 3 inches and over in diameter, pure white, with a golden centre; they are of great substance and last a week or more when cut. Each 20c, 3 for 50c per doz \$2.00.

Inodorum, pl.—Hardy species with finely cut foliage and pure white double flowers one or two inches in diameter. Flowering from June until frost. 20c each, 3 for 50c, doz \$2.00.

Shasta Daisy—Glistening white flowers often over 4 inches in diameter, and in bloom continuously from early in summer until late in the fall; perfectly hardy without protection, even in the most exposed location. 20c each, 3 for 50c, per doz \$2.00.

Shasta Daisy "Alaska"—Very large white and branching habit. 20c each, 3 for 50c, per dozen \$2.00.

CLEMATIS DAVIDIANA

A shrubby plant from two to four feet high, with fresh, bright foliage. Flowers are long, tubular, bell-shaped of a deep lavender color, and of delicious fragrance. Each 20c, 3 for 50c, doz \$2.00.

CORREOPSIS LANCEOLATA

(See cut)

This golden Correopsis begins to flower early in June, and continues to flower until cut down by severe freezing weather; it is continually one mass of golden yellow. It is easily grown, perfectly hardy, and succeeds in any position; once planted takes care of itself. Large clumps which will flower first season. 20c each, 3 for 50c, doz \$2.00.

DIANTHUS

Plumarius (Pheasant Eye Pink) — Of dwarf, compact habit, blooming the entire summer; violet rose with deep crimson centre. Each 20c, doz \$2.00.

DICTAMNUS

Fraxinella—A very showy border perennial, forming a bush about 2½ feet high, having fragrant foliage and spikes of curious red flowers, giving off during hot weather a fragrant, volatile oil, which explodes when a match is applied to it. Each 25c, doz \$2.50.

DELPHINIUMS (Hardy Larkspur)

The hardy Larkspurs are one of the most important and most satisfactory plants in the herbaceous garden, and should be planted extensively even in the smallest garden. Their long spikes of various shades of flowers are produced continuously from June until late in the fall, if the precaution is taken to remove the flower stems before they can produce seed.

Mixed Hybrids—Each 20c, 3 for 50c, doz \$2.00.



Bleeding Heart



Correopsis lanceolata



Digitalis or Foxglove

green, white and often pink or yellow, flower stalks 4 to 6 feet high. It makes a very attractive specimen plant for the lawn.

Each 20c, 3 for 50c, doz \$2.00.

DIGITALIS (Foxglove)

Stately growth, fine for shrubberies and other half-shady places, three feet. Each 20c, 3 for 50c, doz \$2.00.

DORONICUM

Excelsum—A strong growing perennial with large heads of bright yellow flowers 3 to 4 inches in diameter. Each 20c, 3 for 50c, doz \$2.00.

EULALIA

Japonica Zebrina (Zebra Striped Grass)—Variegated, having bars of yellow running crosswise, not longitudinally as in the ordinary form or variegation; easily grown. Each 20c, 3 for 50c, doz \$2.00.

Japonica, Variegata—The long blades of this variety are striped



Gaillardia Grandiflora

GAILLARDIA GRANDIFLORA

(See cut)—The flowers are large, very numerous, produced on long stems, excellent for cutting, and of the most gorgeous coloring. The centre is dark red brown, while the petals are variously marked with rings of brilliant scarlet, crimson, orange and vermillion, and often a combination of all these colors, in one flower.

Each 20c, 3 for 50c, 12 for \$2.00.

FUNKIA

Alba (Day Lily)—Pure white lily-shaped, fragrant flowers, borne in large clusters. Each 20c, 3 for 50c, doz \$2.00.



Funkia Alba

forming a beautiful gauze-like appearance. For cutting purposes it is exquisite, especially in combination with high colored flowers. 20c each, 3 for 50c, doz \$2.00.

HEUCHERA

Sanguinea—About two feet high. The flowers are produced in loose graceful spikes, and come in the greatest profusion. In color it varies from light coral red to crimson. Each 20c, 3 for 50c, doz \$2.00.

HELENIUM

Pumilum—A most useful summer and autumn flowering perennial, growing about 18 inches high, and almost smothered with its golden-yellow blossoms. In England this is a great favorite as a cut flower, and is grown by the acre for the Covent Garden Market. 20c each, 3 for 50c, doz \$2.00.

HEMEROCALLIS

Flava (Lemon Lily)—Lemon colored flowers, excellent for planting among shrubbery.

Dumortieri—Dwarf Day Lily, deep yellow.

Kwanso, fl. pl.—Double orange Day Lily.

Middendorfi—Low growing golden yellow.

Any of the above 20c each, 3 for 50c, dozen \$2.00.

MYOSOTIS PALUSTRIS

Semperflorens—A variety that is hardly ever out of flower; useful on the rockery or in shady spots in the border. 20c each, 3 for 50c, doz \$2.00.

HOLLYHOCKS DOUBLE

Hollyhocks are among the finest permanent garden plants, making a great display with little or no care. Double White, Yellow, Pink, Crimson and Scarlet. Price for two year old plants 20c each, 3 for 50c, doz \$2.00.

HELIANTHUS (Hardy Sunflower)

Multiflorus, fl. pl. (Double Hardy Sunflower)—An extremely useful hardy plant. It bears profusely large double flowers of a bright yellow color.

Meteor—Large double orange flowers, with bold yellow guard petals; 5 feet; August and September.

Soleil D'Or—Deep golden yellow, quilled petals, not unlike a Dahlia. Each 20c, 3 for 50c, dozen \$2.00.



Hibiscus Crimson Eye

HIBISCUS CRIMSON EYE

(Perennial Mallow)

The flowers are 6 to 8 inches in diameter, and vary in color from pure white to deep rose. The plants grow from 5 to 8 feet high and form dense bushes, which are a complete mass of bloom. Each 20c, 3 for 50c, doz \$2.00.

HYPERICUM MOSERIANUM

A new evergreen shrub, 2½ feet high, which is covered with large flowers from May until fall. They are about 2½ inches in diameter, of the richest pure golden yellow, while the petals are of great substance. It is really an ever bloomer. Each 20c, 3 for 50c, doz \$2.00.

MONARDA (Bergamot)

Showy plants, growing from 2 to 3 feet high, with aromatic foliage, and producing their flowers during July and August.

Didyma (Oswego Tea)—Flowers bright scarlet, produced in spikes, 20c each, 3 for 50c, \$2.00 doz.

INCARVILLEA

(Hardy Gloxinia)

Delavayi—A new hardy tuberous-rooted plant, and one of the choicest perennial plants introduced in recent years. It produces large, gloxinia-like rose-colored flowers which last in perfection a long time; these are produced in clusters on stems 18 inches high; should be well protected with leaves during the winter, or the roots lifted and stored in dry sand in a cellar. 25c each, \$2.50 doz.

LYCHNIS (Campion)

Chalcedonicum—Heads of brilliant orange scarlet, grows 2 to 3 feet high, blooms all summer.

Semperflorens—Ever blooming light pink.

Viscaria—Double Red (Ragged Robin).

Any of the above Lychnis 20c each, 3 for 50c, doz \$2.00.

PYRETHRUMS

Double—Hardy Chrysanthemums in beautiful double varieties. Each 25c, doz \$2.50.

Single—Hardy Chrysanthemums in beautiful single varieties. Each 25c, doz \$2.50.

Uliginosum (Giant Daisy)—Pure white, Aster-like flowers, about three inches in diameter. Each 20c, 3 for 50c, doz \$2.00.



Single Pyrethrums



Japan Iris

IRIS (Fleur-de-Lis)

JAPAN IRIS (*Iris Kämpferi*)—In beauty, size of flower, and richness of coloring, these Irises are grand, the flowers averaging from 6 to 8 inches across, the prevailing colors being white, crimson, rose, lilac, lavender, violet and blue. A golden yellow blotch surrounded by a halo of blue or violet, at the base of petals, intensifies the wealth of coloring. The Japan Iris is perfectly hardy.

DOUBLE

- Gold Bound**—Pure White.
La Favorite—Large white, veined purple.
Mahogany—Dark red, shaded maroon.
P. Camille de Rohan—Light purple, shaded violet.
Pyramid—Lilac blue, veined, white centre.
Spotted Beauty—Silky white, spotted violet crimson.
Victor—White veined violet purple.

SINGLE.

- H. von Sieboldt**—Red, veined white, yellow centre.
Lavender Queen—Fine lavender.
Lovelocks—Reddish purple, white and yellow centre.
Mars—Reddish purple, striped and blotched white.
Mirage—Light pink, suffused with light blue.
Plume—White, violet veins, centre deep lilac.
Snowbound—Pure white with golden bands.

Any of the above **Named Varieties**—Price 20c. each, 3 for 50c., doz. \$2.00.
 Double and single varieties, mixed—Strong roots 15c. each, 3 for 40c., doz. \$1.50.

IRIS GERMANICA

German Irises are certainly unparalleled for beauty; nothing in creation can vie with them unless the orchids from the tropics. Every shade of color may be found among them, and they will thrive in almost any soil without any care whatever.

- Alvelrea**—Light blue, falls purple.
Candiamus—Light lavender, falls reddish purple.
Florentina—Creamy white, fragrant and early.
Fragrance—White, edged with blue.
Honorable—Intense yellow, falls bronze.
Mrs. H. Darwin—Fine large white.
Madam Chereau—Pure white, edged blue.
Neclecta—Fine blue, falls deeper shade.
Pearl—Lavender.
Penelope—White, falls veined purple.
Queen of the Gypsies—Light bronze, falls purplish red.
Souvenir—Brilliant yellow, falls netted buff and purple.
Velveteen—Yellowish buff, falls plum purple.
Pseudo Acorus—Foliage striped yellow and green.

Any of the above named varieties—20c. each, 3 for 50c., \$2.00 per doz.
 Mixed varieties—15c. each, 2 for 25c., \$1.50 per doz., per 100 \$10.00.

PENTSTEMON GENTIANOIDES

Large Flowering Hybrids—Graceful in growth, while the elegant beauty of their pyramidal spikes of the large Gloxinia-like flowers elicits the admiration of all. 20c each, 3 for 50c, \$2.00 doz.

GARDEN PINKS

Produce large quantities of fragrant flowers in May and June, almost equal to Carnations.

- Cornet**—Light pink.
Her Majesty—Extra fine white. **Souvenir de Sale**—Rich pink.
Homer—Rosy red, dark centre. **Abbotsford**—Blush white.

Each 20c, 3 for 50c, doz \$2.00.



Paeonia Tenuifolia

DOUBLE CHINESE PÆONIES

These great big-hearted flowers of June are coming again to be as much liked as they were by our grandfathers. They grow from 1 to 3 feet high, producing the most magnificent blooms, which sometimes almost surpass the beauty of the rose. Another point which is largely in their favor is the fact that the plants are never attacked by either insects, animals or fungus disease. Pæonies will succeed in most any kind of soil, but give best result when planted in deep, rich and somewhat moist loam.



Chinese Paeony

SELECT LIST OF CHOICE AND RARE DOUBLE HERBACEOUS PÆONIES.

	Each
Albatre —Ivory white, perfect flower.....	\$1 00
Austerlitz —Beautiful delicate bright pink.....	40
Canary —Pale yellow.....	40
Charlemagne —Creamy White.....	70
Claire Dubois —Light rose, very late.....	40
Duchesse de Nemours —Bright pink, very large flowers.....	50
Eugene Verdier —Creamy White and Pink.....	70
Festiva Maxima —Pure white, centre red spotted.....	70
Jules Elie —Soft rose, silvery shaded, late bloomer.....	80
Madame de Verneville —Creamy white, large petals.....	80
Marie Lamoine —Pure white, centre flesh color.....	1 20
Meissonier —Purple, late.....	80
Zoe Calot —Fine Rose.....	80

We will supply one of each of the above list of double Pæonies for \$8.75. Not prepaid.

NAMED VARIETIES

- Agida**—Rich and glowing dark red.
Baron Rothschild—Bright rose pink.
Beaute Francaise—Beautiful clear red.
Duchesse D'Orleans—An extra large fine salmon pink.
Edulis Alba—A grand white, large in size, splendid full flower, exceptionally free in bloom.
Festiva Alba—A fine large pure white.
Humea Carnea—Large rose with flush centre.
Miranda—Deep rose, a fine full flower.
Modeste Guerin—Bright cherry rose.
Pottsil—Deep rose, late flowering.
Prolifera Tricolor—White with yellow, extra fine flower.
Purpurea Superba—Fine full rosy pink, extra choice flower.
Rosea Superba—Rosy pink.
Victoire Modeste—Rosy white, very pretty.
PRICE—Strong Roots of any of the above 25 cents each; \$2.50 per doz; \$18.00 per 100.

Sets of one of each of the entire collection, 14 varieties, for \$2.80.

PÆONIES IN SEPARATE COLORS	Double White—Each 25c, 5 for \$1.00, doz \$2.00, 100 for \$15.00.
	Double Pink—Each 25c, 5 for \$1.00, doz \$2.00, 100 for \$15.00.
	Double Crimson—Each 25c, 5 for \$1.00, doz \$2.00, 100 for \$15.00.

Pæonia Officinalis—This type is one of the earliest to flower, coming in fully a week earlier than the general list of herbaceous sorts. We offer two distinct colors. All are strong growers and produce very large blooms. **Rubra**—rich crimson. **Alba**—blush white. 30c each, \$3.00 doz.

Pæonia Tenuifolia, Double Flowering—Interesting and handsome, not only on account of their rich crimson flowers, which resemble in color the Gen. Jacqueminot Rose, but the fine feathery foliage makes them a handsome ornamental plant, even if they never produced a flower; always scarce and much sought after. (See cut). 50c each.

JAPANESE TREE PÆONIES (*P. Moutan*)—The Tree Pæonies differ from the herbaceous varieties in their growth which is in the form of a dwarf shrub; they are equally free-flowering, and commence blooming about three weeks earlier than the double herbaceous sorts, and while also perfectly hardy, they are benefited by slight protection through the winter. Strong plants each \$1.00.



Iceland Poppy

POPPIES

Iceland (*Papaver Nudicaule*)—These poppies range in color from the purest satiny white and yellow to the deepest glowing orange-scarlet, and have a delicious lilac-like fragrance blooming from June to October. Mixed colors, each 20c, 3 for 50c, doz \$2.00.

Oriental Poppy—Large flowers, 6 inches across, of the brightest imaginable scarlet, height 3 to 4 feet, 20c each, 3 for 50c, \$2.00 doz.

HARDY PHLOX

Their large and very brilliant trusses of beautiful flowers comprise all shades of color, from white to crimson, striped and mottled. Divide and replant in freshly prepared soil each alternate year. They delight in sunny situations and a rich soil. We offer the following distinct sorts, but can supply many other varieties.

Bridesmaid—(Tall)—White with crimson-carmine centre.

Blanche Comte—(Tall)—Deep crimson.

Champs Elysee (Medium)—Rich purplish crimson.

Clara Benz—(Dwarf)—Carmine rose, with darker eye.

Coquelicot—(Dwarf)—Light red, brightest of all.

Eclairer—(Tall)—Rosy magenta, with lighter halo.

Edmond Rostand—(Medium)—Reddish violet, white centre.

Frau Dora Umgeller—(Tall)—Crimson red, late.

Henry Murger—(Tall)—White, crimson carmine centre.

Jeanne D'Arc—(Tall)—Large flowering, pure white.

Louis Blanc—(Tall)—Reddish violet, purple, eye.

Pantheon—(Tall)—Light pink.

Papillon—(Medium)—Violet purple, marked with white.

Prosper Henry—(Dwarf)—Pure white with crimson carmine centre.

Von Hochberg—(Medium)—Rich crimson, very beautiful. Each 20c, 3 for 50c, doz \$2.00.

PHLOX AMENA—A dwarf-growing species, attaining a height of only 6 inches, completely covered with bright pink star-like flowers during April and May. 20c each, \$2.00 doz.

PLATYCODON

Platycodons are closely allied to the Campanulas and form neat branched bushes of upright habit, which bear a continual succession of flowers from June until October.

Grandiflorum—Deep blue cupped star shaped flowers. Each 20c, 3 for 50c, dozen \$2.00.



Spiraea Filipendula, fl. pl.

RUDBECKIA

"Golden Glow"—Attaining a height of 4 to 6 feet, it begins to flower early in the season and continues until late in the fall. The flowers are produced in enormous quantities on long stems and resemble a fine double golden-yellow Cactus Dahlia. 20c each, 3 for 50c, \$2.00 doz.

Fulgida—Brilliant orange-yellow flowers, produced in masses, on much branched plants, 2 feet high, 20c each, 3 for 50c, \$2.00 doz.

Newmanii—Dark orange-yellow flowers, with deep purple cone, borne on stiff wiry stems, 3 feet high, admirably fitting it for cutting. Flowers from July to October. Each 20c, 3 for 50c, doz \$2.00.

STOKESIA

Cyanea—Grows from 18 to 24 inches high bearing from early July until October, handsome lavender blue blossoms of easy culture. Each 20c, 3 for 50c, doz. \$2.00.

SPIREA FILIPENDULA (fl. pl.)

(Double flowered Drop-wort).

Numerous corvms of double white flowers and pretty fern-like foliage. Each 20c, 3 for 50c, dozen \$2.00.

SWEET WILLIAM

Beautiful old-fashioned favorite border plant. The stock we offer has been grown from a select strain. Various colors. Each 20c, doz \$2.00.

THALICTRUM ADIANTIFOLIUM

(Maiden Hair Thalictrum)

A beautiful plant rivaling the Maiden Hair Fern in the delicacy of its foliage, but hardy. Each 20c, 3 for 50c, doz \$2.00.

THRIFT (Armeria)

Foliage evergreen, of dwarf compact habit, rosy pink flowers from spring to fall, fine border plant. Each 20c, 3 for 50c, doz \$2.00.

TRITOMAS

(The Everblooming Flame Flower)

Pfitzerii—The freest flowering variety in cultivation, with spikes from 3 to 4 feet high and heads of bloom over 12 inches long of a rich orange-scarlet, shading to salmon-rose at edges, producing a grand effect whether planted singly in the border or in masses or in beds of a dozen, a hundred or in thousands. 20c each, 3 for 50c, \$2.00 per doz, \$15.00 per 100.

VALERIANA

Officinalis (Spurred Flower)—Garden Heliotrope. Large trusses of lavender flowers, 3 feet high.

Each 20c, 3 for 50c, doz \$2.00.



Tritoma Pfitzerii

VIOLETS

California—The finest single violet. The flowers, which are very large, are borne on long stout stems, which make it specially valuable for cutting; they are very fragrant and of clear violet purple color.

Double Russian—A perfectly hardy double blue violet, deliciously fragrant, deep in color and very free flowering.

Princess of Wales—Color, rich shade of dark velvety blue. The growth is remarkably strong, fragrance very fine.

Swanley White—Large double, pure white.

Each 20c, 3 for 50c, \$2.00 doz.



California Violet—(The best for outdoors)

SIMMERS' COLLECTIONS

—OF—

OLD-FASHIONED

HARDY PERENNIAL PLANTS

These are prepared especially for those who are not acquainted with this class of plants, and are composed exclusively of the easiest-growing, freest-flowering varieties, and also covering the longest flowering period.

6 distinct species, our selection.....\$1 00
12 distinct species, our selection.....2 00
25 distinct species, our selection.....3 75

CLEMATIS



Type of Large Flowering Clematis

Jackmanii Alba—Fine pure white
Lawsoniana—Purple, darker veins.
Madame Van Houtte—White, fine.

EACH 60c, PER DOZ \$7.00

Fragrant and Small-flowering CLEMATIS



Clematis Paniculata

Coccinea—A very handsome, hardy climber, bearing thick bell-shaped flowers of a bright coral red color; blooms with wonderful profusion from June until frost. Each 60c.

Crispa—A very beautiful species, bearing an abundance of pretty bell-shaped, fragrant lavender flowers with white centre. Blooms from June until frost. Each 35c, 2 for 60c.

AKEBIA QUINATA

A perfectly hardy, fast-growing Japan vine, with magnificent foliage, producing flowers in large clusters of chocolate purple color, possessing a most delicious perfume; unsurpassed for covering trellises and verandahs, the foliage never being attacked by insects. Each 50c.

HARDY PASSION FLOWER

Constance Elliott—An excellent climbing vine. The flowers are large, remarkably handsome and attractive, highly perfumed. Color pure ivory white with raised centre. Hardy in open ground if given a light covering of leaves or litter during the winter. Each 30c, doz \$3.00.

Plant in a sunny spot in good garden soil dug very deep. We recommend the application of well rotted manure in holes a few inches away from the plant in opposite directions. The feeding roots reach out to these holes, which may be watered freely, with better success than when the manure is applied directly to the base of the plant.

Large Flowering Varieties

Henryi—Creamy white, large and handsome.

Duchess of Edinburgh—The best of the double pure white, deliciously scented.

Gypsy Queen—Very finest purple variety, strong, free bloomer.

Boskoop Seedling—Large lavender.

Jackmanii, purple—This variety with its strong, healthy growth, hardy nature, and rich, deep velvety purple flowers, is the most satisfactory of its class. Blooms with astonishing profusion from July to November on shoots of the present season; should be pruned early in the spring.

Mad. Baron Veillard—Light rose, shaded lilac.
President—Satin blue.



DUTCHMAN'S PIPE

(Aristolochia Sipho)

A vigorous growing vine with heart-shaped leaves and curious pipe-shaped flowers. One of the very best climbing vines known. Hardy, rapid grower, best for porches, verandas, and sides of dwellings.

Each 50c, doz \$5.00

BIGNONIA

(Trumpet Vine)

For covering unsightly places, stumps, rock-work or planting in crevices in ledges, the Bignonias will be found very useful. The flowers are large, attractive and showy, borne profusely when the plant attains a fair size.

Grandiflora—Large flowered Trumpet Creeper, bearing blooms of orange red color. Each 50c.

Radicans—Dark red, orange throat; free blooming and very hardy. Each 50c.

HONEYSUCKLES

Monthly Fragrant (Halleana)—Beautiful variegated flowers; blooms all the summer. Strong plants, each 50c.

Scarlet Trumpet—A strong, rapid grower; bright scarlet flowers, blooms all the summer. Strong plants each 50c.

Yellow Trumpet—A very robust rapid grower; yellow flowers, blooms all the summer. Strong plants, each 50c.

CHINESE WISTERIA

This is one of the most popular of our hardy vines, growing very rapidly, climbing to a height of 50 feet or more; when in bloom is truly magnificent. It flowers in early spring in long, drooping racemes, resembling in size and shape a bunch of grapes.

Blue—Flowers in clusters, pale blue, sometimes gives a second crop of flowers in fall. Strong plants each 50c.

White—Flowers in long drooping clusters, as in blue varieties pure white color, most striking. Strong plants each 50c.

ENGLISH IVY

A splendid evergreen, well-known climber, glossy green leaves, clings firmly to stone or brick walls. Each 25c, doz \$2.50.

BOSTON IVY

(Ampelopsis Veitchii)

The most popular and desirable climbing plant for covering brick, stone or wooden walls, trees, etc. After it becomes established at the root it is of very rapid growth, and clings to the smoothest surface with the tenacity of ivy; the foliage is of a rich olive-green during the summer, changing to various shades of bronze, crimson and scarlet in the fall. Small plants 20c, 3 for 50c, 7 for \$1.00; strong plants 40c, 3 for \$1.00, doz \$3.75.

VIRGINIA CREEPERS

A very well-known rapid-grower; like the Bignonia and Ivy, it throws out roots at the joint, by which it fastens itself to anything it touches. Large, strong plants 40c, doz \$4.50.



Ampelopsis Veitchii (Boston Ivy)

HOP VINE

One of the very best climbers for covering unsightly places. It is a rapid grower, and bears a profusion of seed pods suitable for many domestic purposes. Each 25c, 5 for \$1.00.

PLEASE NOTE—Our Climbers are not rooted Cuttings, but strong field-grown vines.

ORNAMENTAL SHRUBS

Positively no Shrubs or Ornamental Trees sent out C.O.D.

Price Extra Strong Shrubs each 50c, doz \$5.00.



Lilac Blossom

Hydrangea Paniculata Grandiflora—This is the finest hardy shrub in cultivation, and endures heat and cold. The flowers which are borne in dense pyramidal panicles of the greatest profusion, are white when they first open, but gradually change to rose color and remain in good condition for weeks. Price, 1st size, 75c, 2nd size, 50c, 3rd size, 25c.

Honeysuckle, Tree-shaped or Tartarian—Desirable shrubs with handsome dense foliage, and covered in May with profusion of delicate small flowers, followed by rich orange-colored berries.

Lilac, Marie Le Graye—Pure white, single.

" **Chas. X**—Reddish purple, single.

" **Souvenir de Louis Spath**—Dark purplish red, single.

" **Mad. Cassimir Perrier**—Double creamy white.

" **Mad. Lemoine**—Double white, large spikes.

" **Michael Buchner**—Double purple.

" **President Grevy**—Beautiful blue; very large and double.

Lilac, White Persian—Slender growing shrubs, more delicate and graceful than the above; white flowers, very handsome and fragrant.

Privet, Laurel-leaved—A handsome shrub, with spikes of white flowers in June, and clusters of black berries like currants; makes a beautiful hedge.

Prunus Triloba—A new large shrub from China, with slender branches and pink flowers in profusion.

Quince, Japan (Pyrus Japonica)—A shrub with spreading branches like the common Quince, but which presents a splendid appearance in May, when covered with large, brilliant scarlet flowers.

Philadelphus (Syringa or Mock Orange)—Well known hardy desirable shrubs, with handsome white flowers, very fragrant.



Weigelia

Price—Of any of the above extra strong shrubs, except where noted, each 50c, doz \$5.00.

Almond, Dwarf Double Flowering (Amygdalis)—Well-known, covered in spring with pink flowers like double roses; showy.

Azalea, Mollis—A beautiful species from Japan with large flowers of various shades of yellow, orange, carmine, etc. Strong plants to bloom the first year.

Barberry, Purple-leaved (Berberis Vulgaris purpurea)—A handsome variety with purple foliage, very ornamental and distinct.

Burning Bush (Euonymus Europeus)—Pods covered with scarlet seeds during autumn and winter.

Chionanthus Virginica (White Fringe)—A tall-growing native shrub, blooming profusely in June. The single flowers resemble bunches of white silken fringe hung gracefully among the foliage.

Clethra Alnifolia (Sweet Pepper Bush)—White fragrant flower spikes.

Deutzia, Gracilis—Slender branches, pure white flowers.

Deutzia Crenata—Double white flowers tinged red.

Exochordia Grandiflora (Spirea)—A vigorous-growing shrub, forming a neat, compact bush 10 to 12 feet high, can be trimmed in any desired shape. The flowers are borne in slender racemes of 8 to 10 florets each, on light and wiry branches that bend beneath their load of bloom, it is perfectly hardy, flowers pure white.

Filbert, Purple-leaved—Remarkable purple leaves distinct and fine.

Flowering Currant (Ribes Aureum)—A native species with shining leaves and yellow flowers.

Fringe, Purple or Smoke Tree (Rhus Cotinus)—Has very curious bloom, which, when covered with dew resembles a cloud of smoke or mist.

Golden Elder (Sambucus nigra var. aurea)—A handsome variety, with golden yellow foliage, a valuable plant for enlivening shrubberies.

Philadelphus (Syringa, Golden-leaved)—Pretty plant of medium size. Golden-yellow foliage; retains its color the entire season; valuable for creating contrasts with green and purple-leaved shrubs.

Snowball (Viburnum Sterilis)—An old favorite spreading shrub; covered in June with handsome white flowers.

Snowball, Japan (Viburnum Plicatum)—From North China; has rich deep green foliage and pure white flowers; quite distinct from the common sort.

Snowberry (Symphoricarpos Racemosus)—Pink flowers in summer, large white waxy berries in autumn.

SPIREAS

Anthony Waterer—Flowers bright crimson, finest of all crimson varieties.

Prunifolia (Bridal Wreath)—Handsome shrub, white daisy-like flowers in May; one of the best.

Eximea—Flowers a bright rose, blossoms in July.

Von Houttei—Large clusters of white flowers growing in graceful racemes.

Bumaldi—Red, blossoms a long time.

WEIGELIAS

Amabilis or Splendens—Resembles Rosea, leaves and flowers somewhat larger.

Eva Rathke—Flowers brilliant crimson, very distinct.

Variegated-leaved—Leaves variegated, flowers rose color.

Von Houttei—A hardy, vigorous-growing sort, bearing a profusion of deep rose-colored flowers in May and June.

Rosea—A hardy handsome Chinese shrub, blossoming in June; flowers a beautiful blush, changing to a deep rose color.

ORNAMENTAL TREES (Upright Deciduous)

Allanthus (Tree of Heaven)—Tall and rapid growing, feathery foliage \$1.25 each.

Ash-leaved Maple—Hardy, rapid grower, leaves resembling the Ash, \$1.00 each.

American Sweet Chestnut—Unrivalled for its symmetrical form, rich glossy foliage, edible nuts, \$1.25 each.

Beech, Purple—\$1.00 each.

Black Walnut—Majestic form, foliage beautiful, edible nuts, \$1.25 each.

Butternut or White Walnut—A fine, hardy tree, producing nuts, \$1.25 each.

Elms—\$1.25 each.

Horse Chestnut—A well-known tree, with an abundance of flowers, \$1.00 each.

Hardy Catalpa—Rapid grower, with immense leaves, often measuring one foot in width by two feet in length. Suited to all soils, \$1.00 each.

Maiden Hair Tree—Rapid growth, rich, glossy, fern-like foliage, \$1.25 each.

Mountain Ash—Hardy; covered with clusters of scarlet berries, \$1.25 each.

Mulberry (Russian)—A fine, rapid growing tree, with delicious fruit, \$1.00 each.

Oak-leaved Mountain Ash—Hardy, foliage simple, deeply lobed, \$1.00 each.

Poplars—Lombardy, each 75c.

Manitoba Maple—\$1.25 each.

Silver Maple—\$1.25 each. **Norway Maple** \$1.25 each. **Sycamore Maple**, \$1.25 each.

Tulip Tree—\$1.25 each.

Thorn—Paul's Double Scarlet. Flowers large, deep carmine scarlet, \$1.00 each.

Thorn—Double white flowering, \$1.00 each.

WEeping DECIDUOUS TREES

Cut-leaved Weeping Birch—Vigorous and hardy. Price \$1.50 each

Elm Camperdown Weeping—\$1.50 each.

Weeping Mulberry—One of the prettiest, \$1.50 each

Weir's Cut-leaved Maple—A variety of silver Maple, with cut or dissected foliage. Price \$1.50 each.

HEDGE PLANTS

Privet (Common or English)—A handsome shrub, with spikes of white flowers, 18 to 24 inch. s high. Per doz \$1.00 per 25 \$2.00, \$7.50 per 100.

Box, Dwarf—Used principally for borders and edging, for which purpose it is the best plant in cultivation. 15c each, \$1.50 doz, \$10.00 per 100.

EVERGREEN TREES

	Price.	Height Each	doz	100
Arbor Vitæ (American) —Commonly known as Cedar; fine for hedges.....	18 to 24 in.	40c	\$4 50	\$35
Arbor Vitæ (Pyramidalis) —Tall and compact....	20 to 24 in.	60c	7 00	..
Juniper (Irish) —Fine for pyramidal effects.....	18 to 24 in.	60c	7 00	..
Juniper (Japanese) —Dwarf, dense light green foliage.....	24 to 30 in.	60c	7 00	..
Austrian Pine —Strong, hardy grower.....	24 to 30 in.	50c	5 50	..
Scotch Pine	15 to 20 in.	50c	5 50	..
Spruce, Colorado Blue —Foliage of a rich blue or sage color.....	18 to 24 in.	\$2 50	1 50	..
Norway Spruce	12 to 15 in.	15c	2 75	22
"	18 to 24 in.	25c	2 75	22
"	30 to 36 in.	40c	4 50	22

Special prices on application for larger quantities

NOTE

The risk of failure is the purchaser's. We ship stock in good order, beyond which we have no further control.

No Orders filled after May 24th.

POSITIVELY NO TREES SENT OUT C.O.D.

STANDARD APPLES

STANDARD APPLES are intended for orchards, and are usually planted when 5 or 7 feet high. The varieties in this list can be recommended as THE BEST now in cultivation in Canada.

Summer Apples

Astrachan Red—Large, roundish, nearly covered with crimson and thick bloom; rich, acid; hardy tree, vigorous grower, good bearer. August.

Early Harvest—Medium to large size, yellow, tender, with a mild flavor; a good bearer. August.

Tetofsky—A Russian variety, profitable for market growing; bears usually the second year, and bears every year; hardy as a crab; fruit good size, yellow, beautifully striped with red; juicy, pleasant, acid, aromatic. July and August.

Yellow Transparent—Rich, transparent lemon yellow color. Flesh melting, juicy, pleasant sub-acid. Ripens ten days earlier than Earliest Harvest. Price 50c each, \$5.50 doz.

Autumn Apples

Alexander—Very large and beautiful deep red and crimson; one of the most showy apples in cultivation, and very productive. Oct. and Nov.

Colvert—Large, with a handsome red cheek, rapid grower and hardy. November.

Duchess of Oldenburg—Large, beautiful, roundish, red and yellow; tender and juicy; bears young and profusely. Very hardy.

Fameuse—Commonly known as "Snow." Hardy. October and November.

Gravenstein—Large, striped, round; first quality. Hardy, productive and generally esteemed. October.

Haas Queen—Large, slightly conical, splashed and mottled with light red; flesh white, sub-acid. The tree is the fastest grower we have.

St. Lawrence—Large, red and yellow; crisp vinous, tender; good. Free grower. October.

Twenty Ounce—Very large, showy, prolific, well known. Price 50c each, \$5.50 doz.

Winter Apples

Baldwin—Large, brown red, very prolific. Jan. to April.

Ben Davis—Very hardy and productive, fruit large, a late keeper.

Ontario—A cross between Northern Spy and Wagner, possessing all the good qualities of the former with the early and profuse bearing of the latter. Jan., Feb. and March.

Wagner—Moderate grower; bears very young and profusely; yellow and crimson; juicy, sub-acid. January.

Golden Russet—Vigorous, medium, crisp, juicy, mild, sub-acid, hardy, very good, long keeper. Nov. to May.

King of Tomkins—A very large, red apple; tree grows and bears well. November to May.

McIntosh—Large, bright red, sub-acid. November to February.

Northern Spy—Vigorous and hardy, large, striped red, tender, juicy, mild, sub-acid. Late.

Mann—Medium to large; deep yellow, juicy, mild, pleasant, sub-acid; hardy. Good grower, January to April.

Pewaukee—Vigorous, hardy, bright yellow, with red; tender, juicy, sub-acid. Jan. to May.

R. I. Greening—Large, green, fine grained, rich, sub-acid. A little tender in northern sections. Late.

Talman Sweet—Hardy and vigorous; medium size; yellow, firm, rich, sweet. November to April.

Walbridge—Vigorous, hardy, productive, medium size; yellow and red; crisp, juicy, good. Jan. to May.

Wealthy—Free in growth and very hardy; large, dark red; juicy, vinous, sub-acid, good. December to March.

Price of the above, 50c each, \$5.50 doz.

Crab Apples

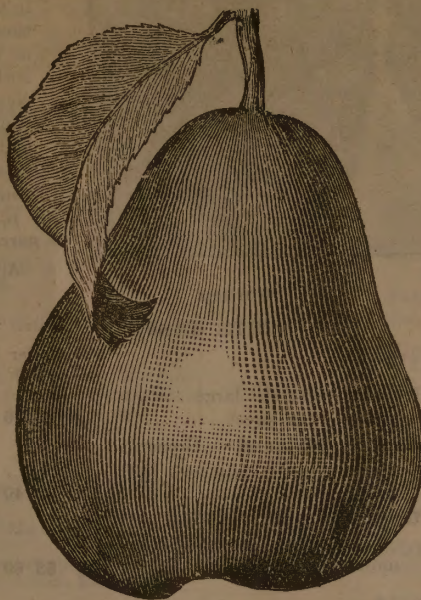
General Grant—A beautiful crab for ornament and preserving, and for eating out of hand. Color red; fruit is large, tender and juicy.

Hyslop—Vigorous, large, deep crimson, sub-acid. September.

Transcendent—Vigorous, medium, red and yellow, a beautiful variety of the Siberian class. Sept.

Whitney's Seedling—New, large, handsomely splashed with carmine, fine quality; heavy, yearly bearer. Sept. and Oct.

Price 50c each, \$5.50 doz.



STANDARD PEARS

STANDARD PEARS are grown upon Pear stocks and Dwarf upon Quinces.

Summer Pears

Bartlett—Vigorous, large yellow and red, juicy, buttery, with rich musky flavor; very good, Sept.

Brandywine—Free grower, medium size, yellow and russet, melting, juicy, good. August.

Clapp's Favorite—A cross between Bartlett and Flemish Beauty; fruit resembles the former.

Tyson—Medium, yellow and russet, melting, juicy, sweet, free, vigorous grower and good bearer. August.

Wilder Early—Handsome, delicious early Pear. August.

Price 60c, each, \$6.00 doz.

Autumn Pears

Duchess D'Angouleme—One of the very largest pears grown; greenish yellow, sometimes a little russeted. October and November.

Flemish Beauty—Large, beautiful, juicy, melting, rich, strong grower, good bearer. Sept. and October.

Kieffer—Large, rich, golden, slightly coarse, juicy, with pronounced Quince flavor. Oct. and Nov.

Seckel—Medium brown, highest flavor. Sept and October.

Sheldon—Large, russet and red, melting, rich delicious, hardy, vigorous and productive. Oct.

Price 60c each, \$6.00 doz.

Early and Late Winter Pears

Anjou—Very large, pyriform, greenish yellow, buttery and juicy. November and December.

Clargeau—Very large, handsome and showy; yellow and red, juicy, vinous, valuable for market. November and December.

Lawrence—Medium to large, golden yellow, melting, pleasant, aromatic. November and December.

Price 60c, each, \$6.00 per doz.

PEACHES

Crawford's Early—A superb yellow Peach of good quality; a productive and early sort. Sept.

Crawford's Late—Resembles Early Crawford, but later.

Early York—Medium size, white, with purplish red cheek; one of the best. July.

Early Rivers—Large, color creamy white, with a delicate pink cheek; melting, rich and juicy.

Early Canada—A seedling raised by Abraham High, Jordan, Ont., resembles the Alexander and ripens about the same time.

Price 60c each, \$6.00 doz.



CHERRIES

CHERRIES succeed well on dry soil, can be trained in any form that taste or circumstance require.

May Duke—An English variety of large size. Tree erect and hardy. Fruit rich and good. Middle of June.

Black Tartarian—Large, mild, pleasant flavor, purplish black, good bearer. End of June.

Early Richmond—Medium red, juicy, acid, June.

English Morello—Large, dark red, sub-acid, good.

Governor Wood—Medium large, clear light red, juicy and delicious. End of June.

Yellow Spanish—Large, pale yellow with red cheek, juicy, delicious and sweet. End of June.

Montmorency Large—Light red, sub-acid great bearer, very hardy, one of the best. First July.

Kentish—Large, red, juicy.

Napoleon—Very large, pale yellow with red cheek, firm, juicy, sweet, very good. First July.

Olivet—Large, deep red, vinous, sub-acid, hardy. Middle July.

Windsor—Of Canadian origin, vigorous and hardy, large, liver colored, valuable. End of July.

Price 60c each, \$6.00 doz.



PLUMS

Plant 18 ft. apart on good substantial soil. The stock we offer is very fine, unexcelled in thriftiness.

Bradshaw—Very large, dark violet red, juicy, sweet and good, one of the best. August.

Coe's Golden Drop—Large, yellow, sweet, September.

Imperial Gage—Excellent, large, pale green. August.

Beauty of Naples—New, large, greenish yellow, highest flavor, tree very hardy and prolific, middle September.

Moore's Arctic—Medium, purplish black, juicy sweet, heavy bearer and extremely hardy.

Yellow Egg—A well known large plum, firm sub-acid, and fine for cooking.

Lombard—A rampant grower, and wonderfully productive, medium, violet-red, good. Sept.

Prince of Wales—Round, reddish purple, large, quality excellent. September.

Pond's Seedling—A magnificent English, light red plum, good grower, abundant bearer. Sept.

Shipper's Pride—Large, often measuring 2 in. each way, being nearly round; excellent for canning. September.

Goliath—A very large purple plum, rivaling the peach in beauty; hardy and productive.

Price 60c, each, \$6.00 doz.



HARDY GRAPE VINES

It is not safe to send these roots after the leaves have started, as the close packing required to protect the roots injures the foliage and often kills the plants; we would therefore ask our customers to kindly send us their orders as early as possible, and to reach us not later than the 20th of May, as after that date they usually begin to leaf. Nearly all of these roots are grown in open ground, and consequently cannot be forwarded until the frost is sufficiently clear in spring to lift them; they will be forwarded as soon after as possible, and when the plants are in best condition for safety.

Prices of single plants include postage, dozen lots by Express at purchaser's expense.

All vines two years old and well rooted.

Campbell's Early			Niagara			Worden			RED GRAPES		
BLACK GRAPES						WHITE GRAPES					
	Price each	Per doz 100					Price each	Per doz 100		Price each	Per doz 100
Worden—Best black grape, seedling of Concord, larger, delicious, much earlier, very reliable.						Niagara—Finest large white grapes, very sweet.	25	\$2 40	Lindley—(Rog. 9)—Best red, very delicious.		
Herbert—(Rog. 4)—Earlier and sweeter than Wilder.						Moore's Diamond—Greenish white, compact bunches, berries of good size.	25	\$2 40	Agawam—(Rog. 15)—Very large, vigorous and a great bearer.		
Moore's Early—Earliest good black grape, very large.	25	\$2 40				Green Mountain—(Winchell)—Early as Jessica, larger, more vigorous.	35	\$3 60	Salem—(Rog. 53)—Strong vigorous vine, berries large and sweet.	25	\$2 40
Wilder (Rog. 4)—Largest black, very fine.									Delaware—Red, well-known sort, delicious and productive.		
Campbell's Early—Strong hardy, vigorous, a fine variety.	40	4 00							Brighton—Finest quality of all out door grapes, dark red.		

BLACKBERRIES

	Each	Doz. 100 at post-purchr's paid expense
TAYLOR'S PROLIFIC—Largest of all hardy sorts, very productive and delicious.		
Gainor—Fair size, hardy and productive.		
Erie—Very early and large, strong grower and great bearer.		
Western Triumph—Hardy, very productive, free from rust, jet black, medium size.	10	\$1 00 \$7 00
Snyder—Extremely hardy, enormously productive, medium size.		
Stone's Hardy—Very hardy and good quality		
Bathbun—Extra hardy, large, very productive		



Raspberry Loudon

RASPBERRIES

We send out extra strong canes. Smaller sizes can be quoted much lower on application.

RED VARIETIES		Each	Doz.	100 at post-purchr's expense
SCHAFER'S COLOSSAL—Reddish brown to purple, very large.....		10	\$1 00	\$6 00
Columbian—New purple color, firm.....		10	1 00	6 00
Loudon—Enormously productive.....		10	1 00	5 00
Miller—Very early, firmest and best shipping berry...		10	1 00	5 00
Cuthbert—A decidedly fine variety.....		10	1 00	5 00

YELLOW VARIETIES

GOLDEN QUEEN—Very large, delicious and firm.	10	1 00	5 00
--	----	------	------

BLACK CAPS

Palmer—Large, very early.	10	1 00	7 50
Gregg—Fruit large, meaty and firm.	10	1 00	7 50
Hilborn—Fruit jet black, good flavor, strong grower, perfectly hardy.	10	1 00	7 50

CURRENTS

FAY'S PROLIFIC—Berries are large and uniform, very productive.

Cherry—Red, large as Fay's Prolific.

Raby Castle—Bunch large, bright red, prolific.

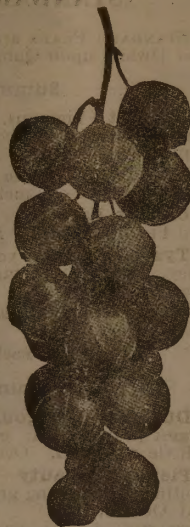
White Grape—Finest white currant, mild flavored, berries and bunches large, very productive.

Black Naples—Fine reliable sorts

Black Victoria—Black currant of enormous size, fine flavor and of unequalled productiveness.

BLACK CHAMPION—The finest black currant, large as Léc's Prolific, much more delicious.

Webber (Canadian Origin)—Tested for ten years and has proved the best Red Currant in existence. Bushes of ideal growth, bunches long with no small fruit. Quality, color and productiveness all that can be desired.



Fay's Prolific Currant

GOOSEBERRIES

American Varieties

Smith's Improved—Large, oval, light green, vigorous grower.		
Houghton—Small, well-known sort, red when ripe.		
Downing—Larger than Houghton, green, delicious.	20c	\$2.25 \$14.00.
Pearl—Very productive, good size, free from mildew.		
Joselyn or Red Jacket—Superior quality, very productive.		

English Varieties

Crown Bob—Red, fruit large and handsome.		
Industry—Fruit large and delicious, strong grower.	25c	\$2.50 \$16.00.
Whitesmith—Fruit large, flavor good, productive.		

STRAWBERRIES

These varieties marked P are imperfect flowering and should not be planted alone.

Glen Mary—Especially recommended for its vigor and productiveness, berries large and excellent flavor, late.

Clyde—Ripens early, and fruit of excellent quality.

Brandywine (P) Large, bright red, very firm, good shipper.

Williams—Large, handsome berries, extremely productive and hardy.

Bubach—(P)—This berry combines great and uniform size, unsurpassed productiveness and good quality.

Lovett's Early—Seedling of Crescent, very early, equals Wilson in firmness, double the size of Crescent and will yield double the quantity.

Any of the above postpaid, doz 30c, 25 for 50c, 100 for \$1.50. By express at purchaser's expense, 100 for \$1.25.

Owing to the extreme dry summer of 1911 plants are scarce, for larger quantities price on application.

INSECT DESTROYERS

Purchaser Pays Carriage, except where Noted

Aphis Punk—More convenient than vaporizing Tobacco extracts, for use in private places. The Punk is lighted and allowed to smoulder, the fumes killing all insects. Boxes of 12 rolls, each containing 60 grains of nicotine, sufficient for 600 feet of floor space. Price 75c per box, postpaid 90c. Case of 12 boxes \$7.50.

APTERITE—Destroys all insects in the soil, 1 lb. cans 25c; 7 lb. cans \$1.00; 14 lb. cans \$1.50; 50 lb. keg \$3.00; 100 lb. keg \$6.00.

ARSENATE OF LEAD-PASTE—A poison to be used in place of Paris Green, for the destruction of leaf eating and chewing insects, and should be used three pounds to fifty gallons of water. Price per 1 lb. jar 40c; 2 lb. jar 75c; 5 lb. pail \$1.40.

BORDEAUX MIXTURE (Cooper's Fungicide)—Put up in powder form, ready for use. 1 lb tin 25c; 5 lbs 80c, 10 lbs \$1.50.

POISON FUNGICIDE (Cooper's)—Bordeaux Mixture with poison added. 1 lb tin 25c; 5 lbs \$1.00, 10 lbs \$1.80.

BUG DEATH—Kills all bugs and worms on Potatoes, Tomatoes, Cucumbers, etc., prevents blight and promotes growth of plants. Per lb. 15c; postpaid 30c, 3 lbs. 35c; 5 lbs. 50c; 12½ lbs. \$1.00; 100 lbs. \$7.00.

BUG DEATH DUSTER, DICKEY Each 35c.

BUG DEATH SHAKER, PERFECTION for applying Bug Death, 65c.

BUG FINISH—Per barrel about 280 lbs \$4.50; per 100 lbs \$1.75.

COOPER'S SPRAYING FLUIDS—V-1, for winter spraying, quart 75c; gallon \$2.50. V-2, for summer spraying, quart 75c; gallon \$2.50.

COPPER SULPHATE—For Bordeaux Mixture. Per lb 10c, postpaid 25c; 25 lb. \$2.40; 100 lb. \$9.00.

Fir Tree Oil—Soluble in water, effectually destroying all kinds of pests to which plants are subject. Bottle, small size 25c, postpaid 40c, half pint 50c, postpaid 75c, pint 90c, quart \$1.75, ½ gallon \$3.00, gallon \$5.50.

FLOUR OF SULPHUR—Lb 10c, 10 lbs 50c, per 100 lbs \$4.00.

GISHURST COMPOUND—For preventing and destroying Red Spider, Scale, Mealy Bug, Thrip, Green and Brown Fly, etc. Sold in boxes; price 75c.

GRAPE DUST—It is a preparation to kill the destructive mildew that strikes the grape-vine. Per lb 10c; 5 lb package, 50c.

HAMMOND'S THIRP JUICE—Death to Mealy Bugs and Scale, which infest roses. ½ pint tins 30c, pint 50c, quart 75c.

JAPANESE INSECT DESTROYER—For destroying insects, grubs, worms, moths, etc. Per tin \$1.00.

LEMON OIL—Price half pint 50c, pint 75c, quart \$1.50, ½ gallon, \$2.75, gallon \$5.00.

LONDON PURPLE—When applied in a liquid form, 1 lb to 200 gallons, or a teaspoonful to a pail of water is sufficient. Lb 35c, 10 lbs \$3.00.

Nicofume—Tobacco paper insecticide, does not injure the flowers. It is packed in tins. Price, 2 doz sheets, \$1.00, 12 doz sheets \$5.00.

Nico-Fume Liquid—½ pint, 75c, 1 pint, \$2.00, ½ gallon, \$7.00 1 gallon, \$13.50, wine measure.

NICOTICIDE—This compound is used for destroying Green and Black Fly, Thrip, Mealy Bug, Red Spider, etc., most certain in effect. 4 oz can \$1.00, ½ pint \$1.75, 1 pint \$3.50, wine measure. Fumigators each 75c.

NIKOTEEN—The most powerful extract, and will be found more economical than weak tobacco extracts. Bottle \$1.75. Small size, 50c.

PURE DALMATIAN INSECT POWDER—Price ½ lb 20c, per lb 60c, or by mail 75c.

PURE PARIS GREEN—Securely put up in boxes. Price per lb 35c.

ROSE LEAF Extract of Tobacco—One of the most effectual articles for the destruction of all insects and scales on plants. Small bottle 25c, postpaid 40c, pint 40c, quart 75c, gallon \$2.25.

SLUG SHOT—A non-poisonous powder and a very popular insecticide. Easily applied and not injurious or dangerous to animals, the person applying it, or fruits and vegetables treated. Send for our book on Slug Shot, Lb 10c, 5 lbs 40c, 10 lbs 75c, 100 lbs \$7.00; larger lot prices on application.

Sulpho Tobacco Soap—3 oz cake for ½ gal solution, 10c, postpaid 13c. 8 oz cake 20c, postpaid 23c.

TOBACCO CLOTH—Takes the place of tobacco stems. Per lb 75c, 2 lbs \$1.25.

TOBACCO SOAP—Makes an excellent wash for plants and trees infested with insects. ½ lb 25c, postpaid 35c; 1 lb 50c, postpaid 65c.

WHALE OIL SOAP—Makes an excellent wash for trees and plants kills insects and eggs on the bark. Small Package, 15c, contains about ½ lb. Large Package, 25c, contains about 1 pound. By mail add 15c per lb for postage.

SPRAYING MACHINES

THE "SUCCESS" BUCKET SPRAYER

With Bucket Foot Rest. Indestructible Bronze Ball Valves



An excellent pump for use in gardens, vineyards, greenhouses and orchards, for washing windows and buggies; also for spraying poultry houses with white wash. The working parts are all brass, and bucket foot rest is made of malleable iron. Nothing could be simpler and more durable than this pump. It has large air-chamber space, and is double-acting, throwing an absolutely continuous stream, either solid, or in fine spray.

The end of hose connecting to pump is coiled with brass spring wire, adding largely to its durability. This pump is rightly named, and as a leader for general use it cannot be beaten. "Nothing succeeds like 'Success.'" The "Bordeaux" Nozzle is furnished with "Success" pumps.

Price—"Success" Brass Spray Pump, with "Bordeaux" Nozzle, with directions for spraying, \$5.00.

Seven feet of hose with connection for "Success" Pump, \$2.00 extra.

UNIVERSAL "SUCCESS" PUMP

With various attachments for making six pumps in one. Price, \$10.00.

"SUCCESS" BUCKET KEROSENE SPRAYER

The "Success" Kerosene Sprayer consists of our Perfect Success bucket spray pump, with a kerosene attachment. The oil tank may be readily removed and a cap, which we furnish, placed on the oil inlet. The pump can then be used the same as our other Success Pumps. Price—Complete, \$11.00.

LITTLE WONDER SPRAYER AND ATOMIZER—Price, made of tin, 40c, by mail, postpaid, 85c; brass \$1, by mail, postpaid, \$1.45.

AUTO-SPRAY

Eight to ten strokes of plunger in air chamber will compress enough air to discharge the entire contents and make a continuous spray for nine minutes. This means that the Auto-Spray can be charged in fifteen seconds, when it will work uninterruptedly long enough to spray a ½ acre of potatoes.

The Auto-Spray is light, and being carried by a shoulder strap, a boy can carry it with ease and can cover ten times more area in a day than can be covered with the old style sprayers, which require the operator to be constantly pumping in order to do the spraying. The Auto-Sprayer does the work as fast as a man can walk. Descriptive circular sent on application.

Price—Galvanized iron reservoir \$5.50; brass reservoir \$7.50.

NON-CLOG ATOMIC NOZZLE—The only nozzle which positively will not clog, easily changed to throw a graduated spray. Each, \$1.50.

REPAIRS AND EXTRAS

Auto Pop and fittings.....	\$2 00	Iron Extension Pipe.....	\$0 40
Brass Extension Pipe.....	50	Elbow Extension brass.....	50
Auto Spray Torch.....	1 00	Hose, per length with wire coil	30
Nozzle without caps.....	35	Caps, each.....	10
Pump valve.....	25	Leather cup, 2 inch each..	5
Screw and Washer for stop cock	15	Solid Brass Strainer.....	1 30

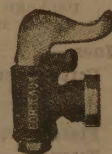
SPRAY NOZZLES

"Bordeaux"—Throws a solid stream or fine mist or may be shut off entirely. Excellent for general spraying—also for whitewashing, disinfecting, etc.

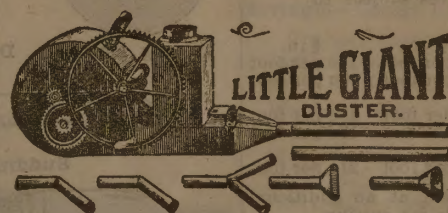
Price \$1.00.

Vermorel—For fine and coarse spraying, obstructions readily forced out with spring disgorger.

Price, \$1.00.



DRY POWDER DISTRIBUTOR



LITTLE GIANT

Reservoir holds a quart of powder—weight 6 lbs. Runs entirely by gear. Dusts as fast as you walk two rows at a time. Complete with three tubes five nozzles and strap—\$8.50.

Brownie Duster—Will distribute any fine dry powder. Two tubes and one spread nozzle. Reservoir holds one pint. Price, \$5.50.

SPRAMOTOR CAN OUTFITS

Spramotor No. 0, with 5 feet hose and nozzle....	\$7 50
Extra, for heavy Galvanized Can.....	2 00
Same, if with Bamboo Extension Pipe, hand valve and can.....	12 75
Special outfit No. 103 as shown, for spraying fruit trees, with 10 feet hose, hand valve extension pipe, with drip guard, without can.....	11 50

Prices for special outfits, also Spramotor Catalogue on application.



Asparagus Buncher, "Acme"..... \$2 75

Bellows—Woodason's Patent—

Patent Double Cone..... 4 00
Large Single Cone..... 3 00
Small single Cone..... 1 75

Blows Paris Green, Hellebore, Dalmatian
Insect Powder, Sulphur, Slack Lime, Slug
Shot, etc., etc.

Liquid Spraying Bellows..... 3 00

Bouquet Papers—

3½ in., per doz.... 40c 4 in., per doz.... 50
4½ in., per doz.... 55c 5 in., per doz.... 65

Brackets—Flower Pot, ornamental, various sizes..... each 80c to.... 3 00

Cork, Virgin—Flat and tubular, per lb.... 15

Dibblers—For transplanting, steel points.. 35

Dandelion Spuds, black..... 60

" " bright..... 75

Edging Knife, Half-Moon, of the best make\$1 00 with handle 1 50

Forks, Manure, D handle

4 prong..... 80 to 1 10
5 prong..... 1 10 to 1 25
6 prong..... 1 10 to 1 30

Forks, Spading—

4 prong..... 90 to 1 60

Forks, Potato—

4 prong..... 90 to 1 60

Floral Tools—consisting of hoe, rake, fork, trowel, dibbler..... 1 00 to 2 50

Fumigator "Eureka" (Galvanized)—

12 inches, diameter, at top 5 inches; holds one-half peck of tobacco stems.
Price—
1st size..... \$2 50 3rd size..... 1 75
2nd size..... 2 00 4th size..... 1 50

Fumigator, Campbell's Sulphur—Price.. 6 00

Garden Lines—Of the best material, 60 ft each..... 25

Garden Reels—Iron, flat, with stake..... 75
" " Triangular..... 1 00

Glaziers' Points—Van Reyper—

Made of Steel Wire and Galvanized. No rights and lets. Price 75c per 1,000, 95c postpaid.

PINCERS for using Glaziers' Points, 60c each, 80c postpaid.

Gloves—

Ladies' Oiled..... 50
Gardeners' (men's)..... 50
Harvest (men's) No. 2..... 25
Muleskin..... 35

Grafting Wax—½ lb package 15c, ½ lb package 30c, 1 lb package..... 50
If by mail add 16c per lb for postage.

Hoes—

Dutch Scuffle, 4 inch. \$0 45 5 inch 50
6 " 60 7 " 65
8 " 70 9 " 85

Field..... \$ 25 to 70

Turnip..... 50 to 70

Hoe Handles..... 15 to 25

Hoe, Rubber Garden—Prices subject to change without notice—

Three-ply, 50 ft. lengths. ½ in. ½ in.
Leader..... 12c per foot 14c per foot
King..... 13c per foot 16c per foot

Simmers' Extra

Quality..... 21c per foot 25c per foot

Wire Wound..... 14c per foot 17c per foot

Multiplex (Corrugated)..... 16c per foot 21c per foot

25 foot lengths supplied at an additional charge of 50c per length for cutting.

Hose Nozzles, Gem..... 60

Hose Menders—each..... 15

Hose, Reels—

Iron frame, holds 100 feet hose (No. 120).. 5 00

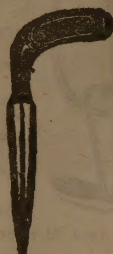
Iron frame, holds 3 to 4 hundred feet hose (No. 130)..... 8 00

Wooden frame..... 1 00

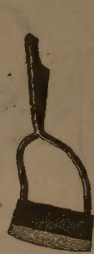
Hyacinth Glasses—In assorted colors, blue, green, wine and amber; Flat or Tye pattern, each 15c; per doz \$1.50; Tall, each 15c; per doz \$1.50; fancy.. 50



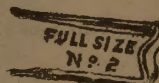
Insect Exterminating Bellows



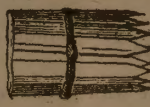
Dibbler



Dutch Hoe



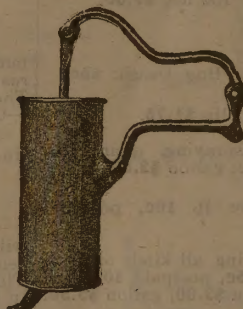
Glazing Point



Pot Labels



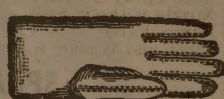
Garden Reel



Mastica Machine



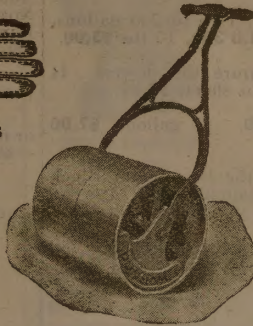
Rubber Hose



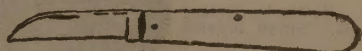
Garden Gloves



Edging Knife



Dunham Lawn Roller



Budding Knives



Pruning Knives



Fibre Plant Stand

Knives—

Simmers' Special Make, ivory handle; brass bound, one blade..... \$1 75
Saynor's Budding, ivory handle, one blade, large size..... 1 50
Saynor's Budding, ivory handle, medium size..... 1 25
Saynor's Pruning, medium size, stag handle..... 1 00
Saynor's Pruning, large, stag handle... 1 25
Asparagus, Imported best Sheffield.. 1 00

Labels, Pot (¼ inches wide)—If by mail add 10c per 100.

	per 100	per 1,000
4 in., plain.....	\$0 15	\$0 80
5 " ".....	15	1 00
6 " ".....	20	1 20
10 " ".....	30	2 60
12 " ".....	40	3 25
4 in., painted.....	20	1 20
5 " ".....	25	1 50
6 " ".....	25	1 75
10 " ".....	40	3 50
12 " ".....	50	4 00

Garden Stakes ¾ to 1½ inch Pot Label —

	per 100	per 1,000
8 in., plain.....	\$0 50	\$4 00
10 " ".....	60	5 00
12 " ".....	70	6 00
8 in., painted.....	60	5 00
10 " ".....	70	6 00
12 " ".....	80	7 00

Labels, Tree—

	per 100	per 1,000
3½ in., notched.....	\$0 15	\$0 90
" With iron wire.....	20	1 25
" With copper wire.....	30	1 50

Lawn Rollers—

No. 1—Balanced handle, 20x20 350 lbs.. \$13 00
No. 2—Wood platform, 24x20 275 lbs.. 12 00
No. 3—Balanced handle, 24x24 550 lbs.. 22 00
No. 4—Balanced handle, 27x27 750 lbs.. 28 00

Lawn Rollers—Dunham Roller Bearing—

No.	Width.	Weight.	Price
No. 401—2 sections, each 8 ins., 150 lbs.	8	150	\$9 00
No. 402—3 " " 8 " 200 "	8	200	12 00
No. 402—2 " " 8 " 225 "	8	225	14 00
No. 404—2 " " 10 " 250 "	10	250	15 00

Larger sizes and Horse Rollers, prices on application.

Mastica—For Glazing Greenhouses, Hot-Beds, etc. New or Old. Elastic, Adhesive, Easy to Apply.

Price per gallon \$1.75, per ½ gallon 90c, per quart 60c.

Mastica Glazing Machine—Price \$1.60.

Match Sticks—5 in. per 1000..... \$0 75

Mats—Archangel, 4½x8½ feet, each..... 75

Moss, Sphagnum—Per bale..... 1 25

French Dyed, pkg..... 10

Netting—For the prevention of birds destroying fruit of all kinds, 18x18 feet, (equal to one pound) 1½ inch mesh, per lb 3 50

Peat—

English, imported, per bush..... 1 50

Fibrous, for Orchids, per bush..... 1 50

Pencils, Wolf's Indelible—Each..... 15

Plant Stakes—Very neatly finished, of light wood and very useful for tying plants, shrubs, etc.

Size	per doz	per 100	per 1,000
2½ ft.....	\$0 10	80	
3 ".....	15	1 00	
3½ ".....	20	1 50	
4 ".....	25	1 80	
4½ ".....	30	2 30	
5 ".....	40	3 00	

Plant Stakes, Bamboo or cane—5 to 10 feet long, Medium, per doz 20c, per 25, 30c, per 100..... 1 00

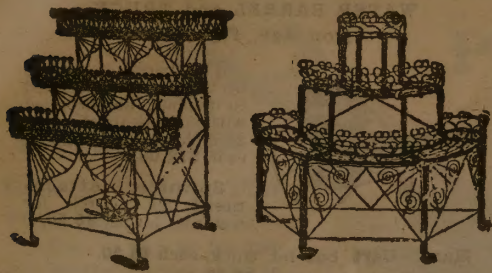
Extra heavy, per doz 25c, per 25, 45c, per 100..... 1 50

Plant Stands—Fibreware, with castors—Platforms are indurated fibreware, will not soak or rust.

Size	per doz	per 100	per 1,000
14 inch 4 castors \$1 00	18 inch 4 castors	1 35	
16 " " 1 20	20 " "	1 50	
22 inch 5 castors. \$1 75			

Plant Saucers—Fibreware same as above without castors—

Size	per doz	per 100	per 1,000
4 inch 12c each	10 inch 20c each		
6 " 13 "	12 " 25 "		
8 " 15 "	14 " 30 "		



No. 6.

No. 7.

Plant Stands, Wire—

Size No. 6, \$5.00; size No. 7, \$4.25; size No. 5, \$5.00.

Illustrated Circular sent on application.

Potato Knife—For Cutting Seed Potatoes.

Price 35c postpaid.

Potatoe Eye Cutter—"The Lightning."

Price 20c postpaid.

Powder Gun—Tin, Round, each \$ 25

" " Jumbo, each 40

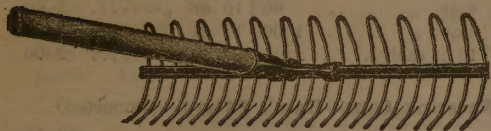
Putty Distributor—"The Scollay"—

For applying liquid putty, price..... 1 25

Putty—Twemlow's old English Glazing—

Half liquid—

1 qt tins, 75c; 2 qt tins \$1.; 1 gallon tin.. 1 75

**The Queen Lawn Rake.** 75c each**Rakes—**

Daisy, for cleaning lawns—

16 teeth..... \$1 75 20 teeth..... 2 25

18 " 2 00 22 " 2 50

Garden, malleable iron, no handles,

10 teeth, 30c; 12 teeth, 35c; 14 teeth 40

Garden, steel, with handles, 12 teeth, 60c;

14 teeth, 75c; 16 teeth..... 1 00

Lawn, steel..... 1 00

The Queen, 24 teeth..... 75

" 36 teeth..... 1 50

" 42 teeth..... 1 75

Hay, Wire Bow..... \$0 15 to 30

Rake Handles..... 15 to 25

Roffia or Raphia—Natural. The best tying

materials for plants, etc., 10 lbs for \$2.25,

per lb 30c. If by mail, add 15c per lb.

extra.

Roffia—Colored. All the leading colors

Per ½ lb.... \$0 20, per lb postpaid..... 75

Raffiatape..... per reel 50

Saws—Heavy, for pruning, each..... 1 00

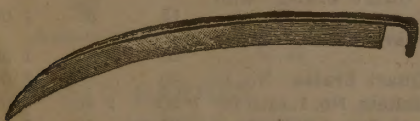
Scissors—

Flower gatherers, silver plated..... 1 50

Grape thinning..... 1 00

Short and heavy for pruning..... 1 00

French Secateurs..... 1 10

**Tysack's English Scythe**

Scythes, Tysack's—English, 36 inch..... 1 35

Scythe Snaathe..... \$0 70 to 1 00

Scythe Stones—English round..... 20

Shears—

Border or grass..... 2 00

Border or grass with wheel..... 2 50

Grape presenting, used for preventing

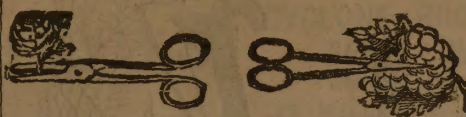
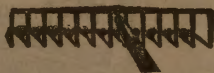
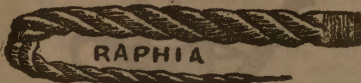
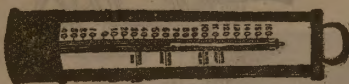
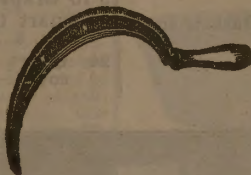
the grape from being handled. Pair... 1 25

Hedge or lawn, best imported, 7 in..... 1 25

" " with pruning notch 8 in.. 1 40

Ladies' for light work, durable..... 1 00

Sheep, for edgings..... 50c. to 80

**Flower Presenting Shears.** Price \$1.50**Grape Trimming Shears**—\$1.00.**Steel Garden Rake****RAPHIA****Border or Grass Shears.** Price \$2.50**Lawn or Hedge Shears****Japanned Case Thermometer.****Rivet Back Sickle****Pruning Saw****Powder Gun****Simmers' Perfection Pruning Shears****Shears—**

Pruning—Simmers' Perfection—Polished

Black, 7 in..... \$1 25.... 8 in..... \$1 50

Polished, 7 in..... 1 50.... 8 in..... 1 75

Pruning, for pruning Roses, Currants,

Vines, etc. Per pair, 75c to..... 1 50

Sickles, rivet back, No. 0, 40c; No. 1, 50c;

No. 2, 60c; No. 3..... 70

Spades—

Imported English, extra strong..\$2 00 to 2 50

Black's sodding 1 50

Canadian manufacture..... \$0 75 to 1 50

Draining... 18 inch \$1 50 20 inch.... 2 00

22 inch..... 2 50

**Scollay Sprinkler****Putty Distributor****Sprinklers—**

Lenox Atomizer, each..... 50

Extra Rubber Balls, each..... 25

Scollay—

No. 1 with Valvular Top 1 25

Lawn—

2 arm, revolving, each..... 1 40

Deming Success "Spiral"..... 1 25

**Syringes—English Brass—**

The very finest goods in the market,

16x1½ in., plain, 1 rose, 1 jet..... 1 50

16x1½ in., polished 1 rose, 1 jet..... 2 50

18x1½ in., plain, 1 rose, 1 jet..... 2 00

18x1½ in., polished, 1 rose, 1 jet..... 3 50

18x1½ in., with ball valves, 2 roses, 1 jet. 4 50

20x1½ in., with ball valves, 2 roses, 1 jet. 5 00

18x1½ in., 2 roses, 1 jet, angle..... 8 00

Thermometers—

Tin Case, (Japanned)—8 in. 12 for \$2.25,

each 25

Glass, Dairy, each.....\$0 25 and 40

Hot-Bed—All glass, cased in wood, copper

point, each..... 1 00

Hot-Bed—All glass, extra quality..... 2 00

Registering—With magnet, 8 in..... 2 75

Accuratus—Standard Mercury, tin-case,

8 inch..... 90

Copper Case—Best for greenhouse, medium

" " " larger. 75

Thistle Spuds.....	\$0 40
Tin Foil—In long strips, 5 in. wide per lb..	20
Toothpicks—10c per box, 3 boxes for....	25
Trowels, Garden—	
Black steel, 6 in. 25c; 7 in. 30c; 8 in....	40
Polished steel, 6 in. 35c; 7 in. 45c; 8 in. each.....	60
Cleves, Angle, 8 in., postpaid 45c.....	35
" " 6 in., postpaid 35c.....	25



Tree Scraper—For removing old bark.....	60
Tree Pruners—Waters', 6 feet, 75c; 8 feet, \$1.00; 10 feet.....	1 50
Extra Knives.....	35



Cypress Tub

CYPRESS FLOWER or TREE TUBS

Made of Cypress, painted green.

	Each
A—8 in diameter by 9 in. deep.....	\$0 60
B—11 " 9 ".....	75
C—11 " 12 ".....	1 00
D—12 " 12 ".....	1 25
No. 1—13½ in. diameter by 12 in. high....	1 50
" 2—14½ " 14 ".....	1 75
" 3—16 " 16 ".....	2 25
" 4—19 " 18 ".....	2 50
" 5—21 " 20 ".....	3 50
" 6—25 " 22 ".....	4 50
" 7—26 " 24 ".....	5 50



Garden Trowel



Galvanized English Watering Can



Combination Weeder



Hazeltine Weeder



Wheelbarrow

WATER BARREL and TRUCK

Iron Age, Fig. 305



The barrel is picked up by the truck, carried to its place and dropped without your touching it. 2½ inch wheel, complete, each \$12.00.

Sprinkler Attachment for barrel for watering lawns, \$5.50.

Hand Cart box for truck, each \$4.50.

Leaf Rack, for truck \$7.50.

Vases, Iron—

Varying in price from \$3.00 to \$50.00
Write for description.

Watering Cans—Long Spout—

With moveable brass rose, hand made,			
2 qt.....	\$0 80	8 qt.....	\$2 00
4 qt.....	1 25	10 qt.....	2 50
6 qt.....	1 50	12 qt.....	3 00

Watering Cans—Galvanized English—

Roses can be screwed on or off, the band is rivetted on with a solid brass screw. The strongest and best general purpose can made.

2 qt each.....	\$0 65	8 qt each.....	\$1 20
4 qt ".....	90	10 qt ".....	1 40
6 qt ".....	1 00	12 qt ".....	1 60
16 qt each.....			2 00

Watering Cans—Haw's Patent—(Imported)

4 qt each.....	\$2 50	8 qt each.....	\$3 00
6 qt ".....	2 75	10 qt ".....	3 50

Weeders—

Combination....	\$0 30	Excelsior, claw	
Fork shape.....	35	-shaped.....	\$0 25
Hazeltine.....	25	Dandelion Spud,	
		for lawns..	.40 to 1 00

Wheelbarrows—

Light.....	\$2 50	Medium.....	3 50
Heavier.....			4 00

Wire annealed (prices subject to change),

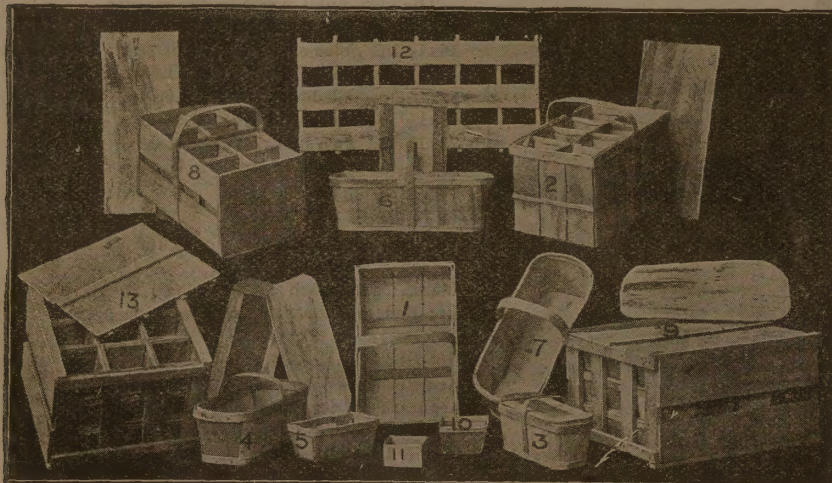
No. 24....per lb	\$0 20.....	5 lbs....	0 60
No. 28....per lb	25.....	5 lbs....	90
No. 36....per lb	35.....	5 lbs....	1 40

FRUIT BASKETS

Fruit Growers, Farmers and Gardeners will find that our Baskets are of the best manufacture.

Basket Fasteners—Put up in 2 lb packages, 25c.

" " Crate of 50 packages, \$10.00.



	Per doz	Per 25	Per 100
16 Quart or 20 lb—No. 7.....	\$0 65	\$1 20	\$4 50
11 Quart or 15 lb Basket—No. 6.....	50	1 10	4 00
6 Quart—No. 4.....	50	1 00	3 75
5 lb Grape Basket—No. 3.....	45	90	3 50
24 Quart Crate—with partition, including cover—No. 8.....	Each 15c	1 65	3 25 13 00
24 Quart Crate—without partition, including cover—No. 2.....	Each 15c	1 65	3 25 13 00
27 Quart Crate—No. 13.....	Each 18c	1 90	3 75 15 00
36 Quart Crate—No. 9.....	Each 20c	2 30	4 50 18 00
54 Quart Berry Crates.....	Each 50c		
Shelves for 24 Quart Crates—with partition.....	15	30	1 00
Shelves for 24 Quart Crates—without partition.....	20	40	1 50
Shelves for 54 Quart Crates—No. 12.....	40	80	3 00
Pickers' Field Baskets, No. 1, each 10c.....	1 20	2 40	9 00
Leno Covers for 16 Quart Baskets.....	25	50	1 75
" " 11 " ".....	25	45	1 75
" " 6 " ".....	20	40	1 50
" " 5 lb baskets.....	20	40	1 50
Wood Covers for 16 Quart Baskets.....	20	40	1 50
" " 11 " ".....	20	35	1 40
" " 6 " ".....	20	35	1 40
" " 5 lb baskets.....	20	35	1 30
Berry Boxes, one quart—No. 10—Per 100, 40c; Per 1,000 \$3.50.			
Berry Boxes, one pint—No. 11—Per 1,000 \$4.50; per bundle 50c.			
Plant Boxes—No. 5—Per 1,000 \$5.50, 100 70c. Crated per 1,000 \$6.00.			
Round Splint Apple Pickers.....	Each 20c, doz. 2.25.		

PLOWS

FLEURY PLOWS

General Purpose Plows
very light in draught.

Nos. 21 and 13 the two
best general purpose plows in
Canada.

No. 13 plow, \$12.00 cash.

No. 8 plow, \$12.00 cash.

No. 12 plow, \$13.00 cash.

No. 21 plow, \$12.00 cash

One Horse Plow No. 15

Unexcelled as a Garden Plow.

A one-horse or garden
plow that cuts the width it
turns, and turns a furrow
properly. Most one-horse
plows are only two-horse
plows shortened up, and
spoiled for real plowing.
This one is a plow—light,
but strong. Price, cash \$10.
Fleury's Celebrated
Root Pulper, No. 7, \$11.
Fleury's Straw and Ensi-
lage Cutter, No. 1, hand
power. Price \$13.50.

WROUGHT IRON HARROWS

Garden Harrows—In two sections, \$9.00.

Farm Harrows—In three sections, \$12.00; four sections, \$14.50.

WILKINSON PLOWS

We can supply the following desirable "Standard" Plows, manufac-
tured in Toronto, of the best material (regardless of cost) by the Wilkin-
son Plow Company.

Narrow one-horse plow, \$10.50.

Wide one-horse plow, No. 13, \$10.50. No. 3,
\$13.50.

No. 4, \$13.00. No. 5, \$13.00. No. 7, \$13.00.
No. 21, \$13.00.

Wilkinson's All Steel Garden Harrow—
\$12.00.

Three sections, \$13.00.

Wilkinson's Channel Steel Drag Harrow—
Four sections, \$17.00.

CORN PLANTERS

The Automatic Corn Planter is of the
best material, well and durably put together, and
finished to stand long use and all sorts of wea-
ther. In this planter the seed is delivered from
the Dropper to the receptacle at the bottom,
which when opened by pressing over on the
foot, leaves it at once the depth required, avoid-
ing the trouble found with all Hand Planters
that deliver the seed direct from the Dropper to
the soil. It also has a most convenient attach-
ment for regulating the depth of planting; this
can be raised or lowered in a moment. Price \$2.

TWO HAND CORN PLANTER.

King of the Field—Malleable iron dropper;
iron seed box and channel for the seed. Price
\$1.00.

CYCLONE BROADCAST SEED SOWER

Geared, (See cut)

IT WILL SOW clover, timothy,
wheat, oats, rye, buckwheat, Hungar-
ian, red top, turnip, millet, corn, cot-
ton, and all other grains and seeds,
perfectly even and any desired amount
per acre, and from 30 to 60 acres a day.
It does not require seed to be cleaned,
and will sow orchard and blue grass.
Full instructions and directions on
every machine. Geared, price, \$1.75;
postpaid, \$2.50.



THE LITTLE WONDER SEED SOWER

The Little Wonder embod-
ies all the principal features, for
even distribution of all varieties
of farm seed, as found in our
repeatedly improved and time-
tested Cyclone Seeder. It is
however, built on slightly differ-
ent principles; the frame of ma-
chine which carries all the bear-
ing parts is made of one piece
and so arranged that Seeder
rests in an easy position in front
of operator.

Price \$1.40, postpaid, \$2.

Fiddle Bow—Old style. Price \$1.00, by Mail postpaid \$1.50.



CAHOON BROADCAST SEED SOWER

A hand machine very largely used. The
quantity to be sown is easily regulated. It
will seed evenly four or six acres per hour.
It will scatter the following distances:—Wheat,
Barley, Rye, 25 feet; Clover and Timothy, 18
to 20 feet. The bag and hopper hold about 22
quarts. Weight 5½ lbs. Price, each, \$4.00.



CHAMPION BALL-BEARING CORN SHELLER

It has no equal. It is the best sheller on
the market, and considering the amount of work
it will do, it is the cheapest. Its work is
easy, rapid, and highly satisfactory. Its unique
automatic adjustment, improved shelling disc
and telescopic construction, are all new in-
ventions, embodying improvements found in
no other corn sheller. Weight, 20 lbs. Price
\$2.50.



Champion Corn Sheller

EARTHENWARE FLOWER POTS, TREE POTS, SEED PANS, AND HANGING BASKETS

Flower Pots				Saucers.	
Size.	Inches.	Per Doz	Per 100	Per Doz	Per 100
Small Thumbs	2	\$0 10	\$0 75		
Thumbs	2½	15	1 00		
Small Verbena	3	15	1 10		
Large Verbena	3½	20	1 25		
Half Pints	4	25	1 75	\$0 25	
Pints	5	40	2 50	35	
Quarts	6	50	3 75	60	\$2 75
Half Gallons	7	90	6 50	80	4 50
3 Gallons	8	1 50	10 00	80	6 00
Gallons	9	2 00	15 00	1 00	8 00
Tree Pots.				Saucers.	
Size.	In.	Each	Per Doz	Each	Per Doz
2 gals	10	\$0 40	\$4 50	\$0 20	\$1 80
3 "	12	60	7 00	40	3 60
4 "	14	80	9 00	45	5 00
6 "	16	1 50		60	7 00
8 "	18	2 50		1 50	
Pans				size in.	
				Each	Doz.
Boston Fern Pans	6	\$0 10	\$1 00		
" "	7	13	1 40		
" "	8	15	1 60		
" "	10	20	2 25		
Seed pans	8	20	2 00		
Hanging Baskets	10	15	1 75		
" "	12	25	3 00		
" "	14	40			



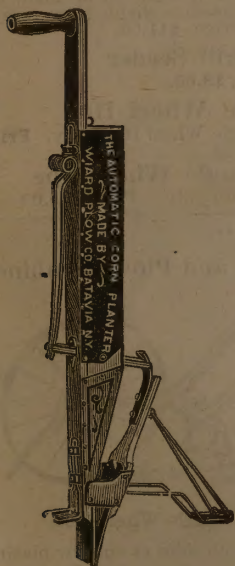
FLOWER POTS

The measurement is
from outside to out-
side.

Packing charged ex-
tra when ordered to
be shipped a distance
from Toronto.

Pots are carefully
packed, but we do not
assume any risk of
breakage.

Special prices on
application for larger
quantities than those
quoted.

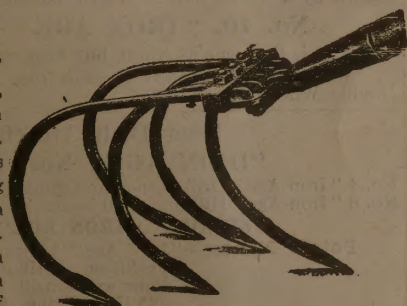


Automatic Corn
Planter

"BUCO" GARDEN CULTIVATOR

For Weeding, Cultivating,
Potato Digging, Etc.—Length
of Handle 4 ft. 5 in. Weight 3 lbs.
This Hand Garden Cultivator has
Five Tines of Crucible Spring
Steel, Oil Tempered, which can
be adjusted to desired width.
They can be removed to sharpen
in after years when dull, or can
be replaced with new ones if
necessary. Price \$1.50.

THE "CUMA"—Length over all, 18 inches. Each 50c.



Buco Cultivator

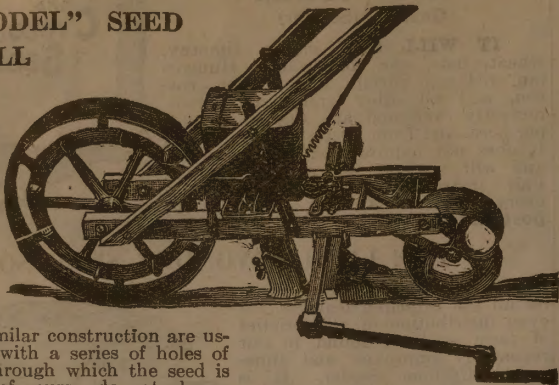
"Iron Age" Garden Implements

We have no hesitation in claiming these tools to be the most perfect and satisfactory made and we want to place one in the hands of every customer. They have recently become immensely popular, owing to the new departure in their design and construction; in other words they are all right and up-to-date. They are equipped with high, steel wheels, very light, tubular frames connected to malleable iron castings—really bicycle construction, and in consequence they are exceedingly light, convenient, easy to handle and very handsome in appearance.

"NEW MODEL" SEED DRILL

Price, \$8.50

Perfect index:
Instantaneous Cut-off
Adjustable Marker;
Broad Wheel;
Steel Opening Plow;
Adjustable Handles.



Drills of similar construction are usually provided with a series of holes of varying sizes through which the seed is passed, which, of course, do not always give an opening of the exact size required. This adjustment is made in a simple and effective manner by use of a slide with a pear-shaped opening, passing under the bottom of a seed reservoir, which is provided with a perforation of a similar shape in a reversed position. This slide can be instantly adjusted to size indicated by index, or to a hair breadth variation between—a vital point in a perfect seed drill. As the names of the principal seeds are plainly shown on the index itself, it is not necessary to refer to any table of reference. The flow of seeds can be instantly stopped by a swinging cut-off, conveniently operated by a cord and ring on handle. This cut-off prevents all loss of seed at end of rows. The main wheel is of large size and of unusual width, preventing its sinking into soft earth.

50 Each drill crated and carefully packed for shipment. Packed weighs lbs. Price \$8.50.

NO. 4, "IRON AGE" Combined Double Wheel Hoe and Drill Seeder

Combined in this tool are a Seed Drill, a Double Wheel Hoe and a Single Wheel Hoe. In each form these tools are equal to any tool or tools made especially for the purpose.

As a Seed drill this tool sows in drills with perfect accuracy, having the same Seed index as is fully described above.

The change from a Seed Drill to a Wheel Hoe is made by simply detaching the seed hopper with its frame covers, wheels, etc.; loosening two bolts does it, and applying the cultivating tools. The wheel is made of steel 16" high. Weight packed, 55 lbs. Price \$11.50.

No. 5, Iron Age Drill Seeder, the foregoing Implement as a Seed Drill only, \$8.50.

Set of Attachments to convert a No. 5 Drill into a No. 4, \$3.75.



No. 6, "IRON AGE" Combined Double Wheel Hoe, Hill and Drill Seeder

As can be seen by the cut above, anyone purchasing the No. 6 "Iron Age" Combined Double Wheel Hoe, Hill and Drill Seeder, possesses at once, the most perfect and complete tool possible. It is a whole tool-house itself. It drills, hoes, rakes, hills, cultivates, levels, plows, furrows, covers, and does each and every operation in the most satisfactory manner.

The fact that our "Iron Age" Double Wheel Hoe can be converted into a thoroughly practical Single Wheel Hoe, makes this combined machine four different tools, a Hill Dropper, a Double Wheel Hoe and a Single Wheel Hoe, also a Row Drill. This tool will sow all the small seeds varying in size from celery to corn. Weight packed, 57 lbs. Price \$12.50.

No. 7, IRON AGE HILL AND DRILL SEEDER

The foregoing implement as a Hill and Drill Seeder only. Price, \$10.00.
Set of Attachments to convert a No. 7 Drill into a No. 6, \$3.75.

No. 8, "IRON AGE" HILL AND DRILL SEEDER

The wheel is 16 in. high, made of steel with a two-inch tread. The Opening Plow is non-cloggable and can be instantly adjusted. The hopper is low therefore the delivery of the seed is close to the ground, thus making possible accurate spacing. Capacity four quarts.

The distance of spacing the seed can be instantly changed. We wish to emphasize the great simplicity of this adjustment.

The amount of seed can be minutely adjusted by our patented index. Weight packed, 40 lbs. Price \$12.00.



No. 15, "IRON AGE" Combined Single Wheel Hoe, Hill and Drill Seeder

Combined in this tool is the best Hill and Drill Seeder, and Single Wheel Hoe ever offered to the public. Each is in itself complete. Changed from one form to another almost instantly. It places the seed in hills or drills, it plows, it rakes, it opens furrows, it covers, it hills, it hoes, it cultivates. The wheel is made of steel, 16 in. high; the frame of pipes, coupled to malleable castings; therefore light, runs easy, is strong and durable. Weight packed, 49 lbs. Price, \$12.00.

No. 16, "IRON AGE" Hill and Drill Seeder

The foregoing implement as a seed drill only, \$9.00.

No. 17, "IRON AGE" Combined Single Wheel Hoe and Drill Seeder

In combining these tools not a single advantage of a separate Single Wheel Hoe or Row Drill is lost, as each one in itself is complete. Can be changed from one form to the other almost instantly.

It places the seed in drills, it plows, it rakes, it opens furrows, it covers, it hills, it hoes, it cultivates. The Wheel is made of steel, 16 in. high, the frame of pipe, coupled to malleable castings, therefore light (runs easy), strong and durable. Weight packed, 45 lbs. Price \$11.00.

No. 18, "IRON AGE" Drill Seeder

The foregoing implement as a Seed Drill only, \$8.00.

No. 20, "IRON AGE" Single Wheel Hoe

The foregoing implement as a combined Single Wheel Hoe only. Price \$7.00.

No. 21 "IRON AGE," Plain Single Wheel Hoe

This is the same as No. 20 but with side Hoes only. Price, \$5.00

No. 9, "IRON AGE"

Single Wheel Hoe, Cultivator, Rake and Plow Combined

This tool is, in regard to the work done, almost a counterpart of the Double Wheel Hoe. For the small kitchen garden we consider this Single Wheel Hoe as being very valuable. The work is done principally between the rows, although plants of small growth can be hoed on both sides at once by placing the wheel on the left side.

With the large plow attachment, deep furrows can be opened or closed. potatoes, celery and other crops hilled—in short, all such work usually accomplished by a special plow. Weight packed, 28 lbs. Price complete, \$6.50.

No. 10, "IRON AGE" Single Wheel Hoe, Plain

This is the same as No. 9, but with side Hoes only. Price, \$3.75.

Weeder Attachment for this tool similar to the one shown on the Double Wheel Hoe, \$1.00.

"Iron Age" Combined Single Wheel Hoe

Seed Drill Attachments for

"IRON AGE" Nos. 1, 3, and 20

No. 4 "Iron Age" Drill Seeder Attachment..... \$4 00
No. 6 "Iron Age" Hill and Drill Seeder Attachment..... 5 50

SUNDRY "IRON AGE" IMPLEMENTS

Potato Planter—"Iron Age" Improved Robbins Potato Planter with Fertilizer distributor.

Plow with shield or disc as ordered. Weight packed, 735 lbs. Price, \$90.00.

"Iron Age" Potato Digger. Price, \$125.00.

"Iron Age" Two Row combined Beet Drill and Cultivator complete. Price, \$63.00.

No. 1, "IRON AGE"

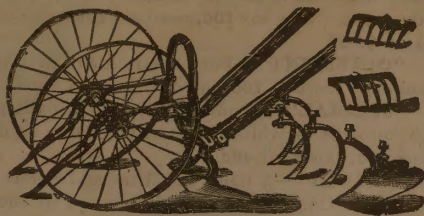
Double Wheel Hoe, Cultivator, Rake and Plow Combined

The garden or farm is incomplete without at least one of these tools. In cultivating onions, beets, turnips, radishes, etc., it is invaluable, saves hours of hard labor and does the work better than several men could do it in the same time. One great advantage which this double wheel hoe possesses is that it can be made into a practical single wheel hoe in a moment's time. An axle is sent with every double wheel for this purpose. The wheels are 16 inches high, enabling the wheel hoe to run easy and without yielding to the depressions of the soil as a low wheel will do. The frame being made of tubing coupled to malleable castings gives great strength together with lightness. All the tools shown in the cut go with the machine.

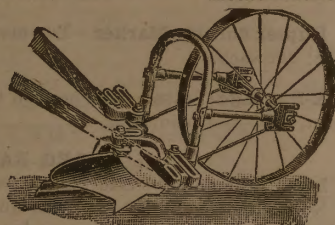
Weight packed 40 lbs. Price, complete, \$8.00.

Extras

Combined Disc and Fender Attachment	\$1.50
No. 25 Fertilizer Distributor Attachment	5.00
Weeder Attachment	1.40
Landside Plow Attachment	1.10
Single Tooth Attachment	85c

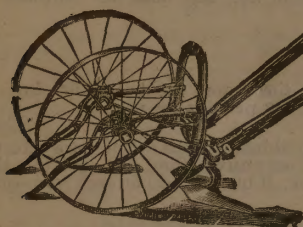


"Iron Age" Combined Double Wheel Hoe

Fig. 112
Single Tooth
AttachmentFig. 81
The Weeder AttachmentFig. 82
The Landside Plow Attachment

No. 3, "IRON AGE"

Plain Double Wheel Hoe with Side Hoes only



In order to accommodate those who have only use for the Wh. Hoe for hoeing, we offer the machine described above with side hoes only. This implement may be used as a double or Single Wheel Hoe. The illustration shows it adjusted as a plain Double Wheel Hoe.

Price, \$5.50.

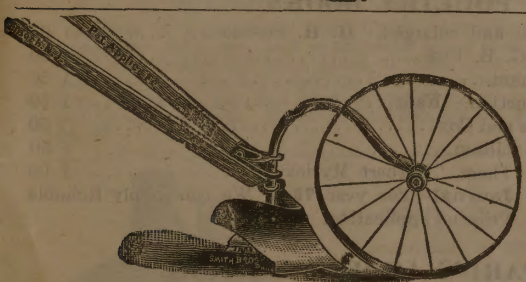
No. 11

"IRON AGE"
WHEEL

PLOW

Price, \$3.00

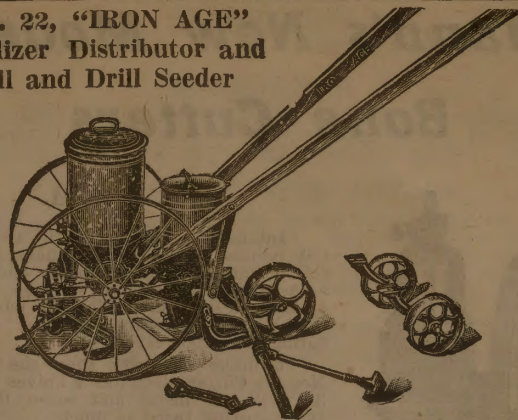
Packed Weight
15 lbs.

No. 12, "IRON AGE"
Wheel Plow and Cultivator

Weight pack-
ed 20 lbs.

Price,

\$4.00

No. 22, "IRON AGE"
Fertilizer Distributor and
Hill and Drill Seeder

This tool is designed to sow fertilizer and seed in one operation. The fertilizer is distributed in two narrow streams, adjustable in depth and width apart. The seed is sown between the two rows of fertilizer, so no injury can result from coming in contact with it. It will sow in rows or drop in the hills at 4, 6, 8, 12 or 24 inches apart. The seed attachment may be detached and tool is then a most excellent implement for the top or side dressing of growing crops. Weight packed 65 lbs. Price, \$13.00.

No. 23, "IRON AGE" Fertilizer Distributor as a
Side Dresser. Weight packed 40 lbs. Price, \$14.00.

Hill and Drill Seeder Attachment may be applied to this tool and the seed may be sown in drills or placed in hills at 4, 6, 8, 12 or 24 in. apart, at the same time the fertilizer is distributed. Price, \$5.50.

No. 25, "IRON AGE" Single Wheel Fertilizer Distributor
Price, \$8.50.

No. 6, "IRON AGE"

Horse Hoe and Cultivator
Combined, with Wheel
and Levers

No. 6, "Iron Age" Horse Cultivator

As made at present there is no cultivator in use so completely adapted to the various needs of the farmer, particularly the "truck" grower. With six narrow teeth it cannot be equalled as a thorough pulverizer of the soil, and is quickly changed to any of its combinations. With or without Lever Adjustments of Wheel. We claim this tool to be the strongest, steadiest horse hoe made; hoe standards are very heavy solid steel, adjustable in both pitch and angle of cut, adjustment of width instantly made, steady and smooth in its operation, the only lever adjuster that does not impair the stiffness of the tool. Weight packed 83 lbs.

PRICE—Complete as in illustration with mould boards, scuffler teeth, wheel and levers \$8 50
furrow Closing Attachment 1 50

No. 8, "IRON AGE"

Horse Hoe and Cultivator Combined

The distinct feature of this machine is the screw expander instead of the lever. The former gives equal rigidity at every point in the expansion up to the full limit 28 inches. The side bars are always firm, with no tendency to close.

This Cultivator allows of a much wider range of adjustment than any other, which will commend it to all users.

Weight packed 81 lbs. Complete, \$10.00.

No. 1, "IRON AGE" Combined Harrow and Cultivator

Our "Iron Age" Combined Harrow and Cultivator is a tool that has diamond-shaped teeth, with a small cultivator tooth forged at one end—steel, of course. For very close work, every other tooth can be quickly removed.

We also have, as an attachment a wide, flat sweep on a high-throated standard, for use on rear end of middle bar. Sure death to weeds and grass. Weight packed 66 lbs.



With lever expander and wheel \$8.50
Sweep attachment 1.30 extra.

Mann's New Model Bone Cutters

No. 5 B. M.

Intended for flocks of 15 to 25 hens. Can be used for flock of 100 hens, but larger size is more economical in the end for such a large flock. Mounted on iron stand, no expense to set it up. Place for pan to catch the bone. Patented automatic governing spring feed. 1902 style.

Cylinder is larger than the old style No. 1. Cutter plate has 4 knives instead of 3. Will cut faster and easier than other types costing twice as much.

Capacity, 15 to 20 lbs per hour.
Weight, 85 lbs. Price \$12.00.

No. 5 B.

This machine is exactly the same as the No. 5 B.M. except that it has not the iron stand. The capacity is the same.

Weight, 60 lbs. Price \$9.00.

No. 5 B.M.

No. 5 C.

This machine is exactly the same as the No. 5 B, with a crank handle instead of a balance wheel. Capacity not quite equal to 5 B.
Weight 35 lbs.
Price, \$7.00.

No. 7

For flocks of 40 to 100 hens. Can be profitably used for 200 hens or more, but we recommend No. 9 for flocks of more than 100. Mounted on strong iron stand with large table for box or pan to receive cut bone. Patented 1902 Model automatic governing spring feed. Large open-hinged cylinder, giving instant access to all working parts. Six special knives. Gear guard anti-clog device. Heavy balance wheel, with adjustable handle, besides all the best features of our old-style machines. Weight, 107 lbs. Capacity, $\frac{1}{2}$ to 1 lb per minute. Made in one size only. Price \$14.00.

Semi-Power Bone Cutter

No. 7 $\frac{1}{2}$ A combination hand and power Bone Cutter. Adapted to run either way without changing any part. It is always ready for use. Intended to meet the demand for a small power cutter. Cylinder same size as No. 7.

Capacity, 50 to 100 lbs per hour. Weight, 150 lbs; diameter of the pulley, 11 $\frac{1}{2}$ inches; 2 $\frac{1}{2}$ -inch face. Speed of pulley, 300 revolutions per minute. The No. 7 $\frac{1}{2}$ has all the late improvements, special feed, anti-clog, open cylinder, tight and loose pulley, etc. Price \$18.00.

No. 9 For flocks of 100 to 300 hens. The description of No. 7 will apply to this size also. The difference consists of larger cylinder, greater holding capacity, different design and larger table. The machine can be altered into the No. 11 by adding the power parts, making a combination machine for both hand and power. Its economy is evident. Weight, 170 lbs. Capacity $\frac{1}{2}$ to 1 $\frac{1}{2}$ lbs per minute. Price \$20.00

Parts to change No. 9 to No. 11. Price \$8.00.

No. 11 Intended for large flocks when the machine must be run by hand a portion of the time. It is really a semi-power and semi-hand or combination machine, and as such has its place. The No. 11 is exactly the same as the No. 9 with the power parts added. It has all the late improvements, special feed, anti-clog, open cylinder, tight and loose pulleys, etc. Weight 215 lbs. Capacity, 100 lbs per hour. Price \$28.00.

No. 12. Power Bone Cutter	Weight, 260 lbs.	\$34 00
No. 15. " "	455 lbs.	65 00
No. 14. " "	420 lbs.	80 00

Extra Knives for Bone Cutters. Each 50c, set of 6 for \$2.50.

Mann's Clover Cutter

Made entirely of iron and steel. Price with balance wheel, \$10.00; with balance wheel and stand \$12.00.

LAMBERT'S DEATH TO LICE REMEDIES

"POWDER"—For body lice on Sitting Hens, laying or Exhibition Poultry. This powder does not injure eggs or chickens, or soil the plumage in any way. It is also invaluable for lice on all animals. Also a valuable disinfectant. 5 oz box 10c, postpaid 15c; 15 oz 25c, postpaid 40c; 48 oz 50c, 100 oz \$1.00.

"OINTMENT"—For Head Lice on Children or Chickens. Scaly shanks on Fowls. 10c and 25c per box, postpaid.

"SPECIAL"—A powder for Moths in Carpets or Furs. Can be mixed with kerosene or whitewash and used as a liquid lice killer. 5 oz box 10c, 13 oz 25c, postpaid 40c.

"LIQUID"—A paint for Mites and Spider Lice in Hen Houses. Fleas and Lice in Dog Kennels and Stables. 1 qt 35c, 2 qts 60c, 4 qts \$1.00.

POULTRY SUNDRIES

Poultry Caponizers—Set of instruments, complete with instructions \$2.50. In velvet lined case, \$2.75. We send book "Complete Guide for Caponizing" with every set.

Philadelphia Gape Worm Extractor—Price complete, 40c.

Roup Syringe—This is one of the best cures for Roup and similar diseases to which poultry are so liable. Postpaid, with instructions, 15c each.

French Poultry Killing Knife—Sent postpaid on receipt of 50c.

Philadelphia Poultry Marker—

They are well made with steel spring and cutter, nicely nickel plated. Made in two sizes. Sent postpaid on receipt of price. 30c each.

Duplex Poultry Marker—Two markers in one; 30c each.

X-Ray Egg Tester—The best on the market, 35c; postpaid, 45c.

LEG BANDS

Ideal (Aluminum)—Size No. 2 for Pigeons; size No. 4, for Bantams; size No. 6, for Hamburgs, etc.; size No. 8, for Minorcas, etc.; size No. 10, for Turkeys, and Geese. Price, per doz, 25c, 50 for 85c, 100 for \$1.50.

POULTRY THERMOMETERS

Tested Standard Incubator Thermometer—Mounted on metal, graduated base, and distinctly marked high and low. Price, postpaid 75c.

Brooder Thermometers—Each 60c

RELIABLE SPRING LEVER POULTRY PUNCH

This punch makes a good, clear, clean cut, and does not mutilate the web, as do many cheaper punches.

Price, each, postpaid, 50c.

NEST EGGS Porcelain, unglazed, these are the best, 30c doz. If wanted by mail add 30c per doz for postage.

KNOX Louse Killer and Nest Egg combined in one. They are effective, they are lasting, they are not expensive, they are just the thing for laying hens. Price 5c each, 60c per doz; if by mail add 5c each for postage.

POULTRY BOOKS

Egg Farm, new, revised and enlarged. H. H. Stoddard.....	\$1 00
Poultry Architecture. G. B. Fisk.....	50
Poultry Culture. Brigham.....	1 50
Profitable Poultry Production. Kain.....	1 50
Squabs for Profit. Rice and Cox.....	50
Poultry Craft. J. H. Robinson.....	1 50
Turkeys, How to Grow Them. Herbert Myrick.....	1 00

Reliable Poultry Journal—Per year 75c. We can supply Reliable Poultry Journal books. Price on application.

SHEPPARD'S ACME GALL CURE

With this ointment the afflicted parts can be healed without the loss of a single day's time. 3 oz box 25c, postpaid; 8 oz box 50c, postpaid.

FAMILY GRIST MILL No. 0.

This mill is especially made for grinding Graham flour or corn meal for table use. It can also be adjusted for cracking the grain if desired. It is a valuable machine to have in the kitchen, as you can have fresh Graham flour or corn meal when wanted. The grinding surfaces are of very hard material, especially made for this purpose. Weighs 30 lbs. Price (without legs), \$6.00. Price (with legs), \$8.00.



**EGG-O MAKES HENS LAY**

Keep your chickens strong and healthy. Prevent all diseases—Cholera, Roup, Leg Weakness, etc., use **EGG-O**, a poultry regulator and egg producer.

Best food for all varieties of poultry, laying fowls, chicks, ducks and geese. Will make your hens lay, will make your chicks grow fast, will keep your fowls healthy.

Therefore, no matter what feed you use, mix it daily with our **EGG-O POULTRY TONIC**. It assures perfect assimilation of the food elements needed to produce health and form eggs.

Price—28 oz package, 25c, postpaid 50c. 10 lb bag, \$1.10, carriage extra.

CHICK FOOD

A complete food for young chicks, consisting of different grains and seeds proportioned to meet all the needs of growing chicks and to fully nourish them. Per lb 5c; 6 lbs 25c; 25 lbs \$1.00; 50 lbs \$2.00; 100 lbs \$4.00.

ANTI-LOUSE

A disinfectant Insect Powder.

Guaranteed to kill every species of parasite that preys on poultry and live stock. It is an effective Remedy for Ticks on Sheep, Roaches, Ants, Bedbugs and all insects on House plants or Fruit trees. For dog or cat small quantity rubbed into the fur will kill all lice or fleas that may be present. Price—One pound box 25c, postpaid 40c, 5 pound bag, \$1.00, carriage extra.

DR. HESS POULTRY PAN-A-CEA

For Chickens, Turkeys, Ducks, Geese and Pigeons.

Price—For 24-oz package, 35c, by mail 60c, 5-lb 85c, express only. In 25 lb pails, by express or freight \$3.50.

DR. HESS INSTANT LOUSE KILLER

For Lice on Poultry, Horses and Cattle, also Ticks on Sheep. Price—1-lb package, 35c, by mail 50c.

PRATTS POULTRY REGULATOR

Absolutely pure and free from poisons and all other injurious ingredients. Package containing 8 oz 10c, postpaid 18c. 26 oz 25c, or 50c postpaid. 4-lb package 50c by express. 25-lb pail \$2.60 by express.

RUST'S EGG PRODUCER

Makes hens lay when prices are high. Price—1 lb pkg 25c, by mail 40c, 2½ lb. pkg 50c, by mail 90c, 6 lb box \$1.00, 10 lb box \$1.50, by express.

HAVEN'S CONDITION POWDERS—Cure for Gapes and Poultry Cholera and medicine for Horses, Cattle, Poultry, Sheep and Hogs. Liberal packages, weighing 14 oz 25c, postpaid 40c; 2 lb box 50c, postpaid 80c; 5 lb box (equal to six 25c packages) \$1.00, by express or freight.

HAVEN'S ROUP PILLS—Price per box, of 48 pills, postpaid 25c, box of 112 pills 50c, box of 250 pills, \$1.00.

SIMMERS' MIXED CHICKEN FEED

This is a palatable and highly nutritious balanced ration, ready mixed for daily use, and is prepared by us to meet the demand of poultrymen who realize the importance of using only sound clean grains. Remember, there is a big difference between poultry food composed of screenings, sweepings, etc., and that composed of clean whole grains such as we use in our mixture. Price—10 lbs 35c, 25 lbs 75c, 50 lbs \$1.40, 100 lbs \$2.50.

**CONKEY'S ROUP CURE**

Guaranteed to give best results, for Roup or Canker, a good preventative and positive cure. Price, small size 25c, 5 oz box 50c, postpaid 55c, large size \$1.00, postpaid \$1.10.

LEE'S LIQUID LICE KILLER

For Poultry and Hogs

Saves labor, saves expense, saves time, and saves the fowls and hogs. Where freedom from vermin means hours spent in dusting, dipping or greasing, fowls and animals on the average farm and poultry ranch are seldom free from lice and mites. Put up in tins with full directions for use. Per qt tin 40c, postpaid 75c, ½ gal 70c, 1 gal \$1.20.

ANIMAL MEAL

An egg producer, 5 lb pkgs 25c, 25 lb bag for \$1.15, 50 lb bag for \$2.15, 100 lb bag for \$4.00.

BLOOD MEAL

An egg producer. 5 lbs 25c, 25 lbs \$1.20, 100 lbs \$4.50.

HERBAGEUM

POULTRY SPICE—Is unsurpassed in general excellence, cheapness and efficiency for egg production in summer and winter. For the raising of turkey and all other chicks, and for the fattening of poultry. 2 lb pkt 25c.

CRUSHED OYSTER SHELLS

A most important article for the poultry yard through the winter, and should be liberally supplied to the fowls. In summer when left to run at large, they can find their own shell-making material, but in winter they must be helped out if eggs are wanted. Supplied in three grades, fine, medium and coarse. 5 lbs 10c, 10 lbs 15c, 20 lbs 25c, 100 lbs 80c.

GRANULATED POULTRY BONE

5 lbs 15c, 10 lbs 25c, 100 lbs \$2.25, 200 lbs \$4.00.

MICA CRYSTAL GRIT

To aid digestion it is necessary to feed some gritty material. Mica Crystal grit supplies this want better than any other article ever known. Supplied in three grades, fine, medium, and coarse. 5 lbs 10c, 10 lbs 15c, 20 lbs 25c, 100 lbs 80c.

CLOVER MEAL

There is no waste and every part is rendered digestible. 5 lbs 25c, 10 lbs 40c, 25 lbs 75c, 50 lbs \$1.50, 100 lbs \$2.80.

NODI CHARCOAL

Prepared in three grades. **Grade A**—(Fine granulated)—For use in mash mixtures and for ducks. **Grade B**—(Medium granulated)—For small newly hatched to half grown ducks. **Grade C**—(Coarse granulated)—For fowls and large chicks. Put up in 2 lb cartons. Each 15c. 50 lb bags, any grade, \$1.75 each.

BEEF SCRAPS

We have no hesitancy in recommending **High Protein Beef Scraps** as the best of their kind on the market. The ordinary commercial scraps contain but 35 to 45 per cent. protein and from 20 to 30 per cent. fat, while these scraps show 50 to 65 per cent. protein and only 10 to 15 per cent. fat. Price 5 lbs 25c, 10 lbs 50c, 25 lbs \$1.20, 50 lb. \$2.10, 100 lbs \$4.00.

GRIT, SHELLS AND FEED BOXES

Made of heavy galvanized iron

These boxes are automatic feeders, the material working down into the seed spaces as fast as the fowls consume it. The front side is sloped in such a manner that the fowls cannot get into the food spaces to scratch. Each 70c, per doz. \$8.00.

DRY FOOD HOPPERS

Has two compartments, a large one for grain, and a small one for beef scraps. These hoppers are intended to be hung against the wall. Price each 90c.

WALL FOUNTAINS

One side is flattened so that it can be hung on the wall of a building or against any upright. A galvanized iron hood projects over the water trough and protects the water from becoming soiled or freezing, and are readily cleaned by filling with round pebbles or shot and shaking thoroughly. Each 70c, doz \$8.00.

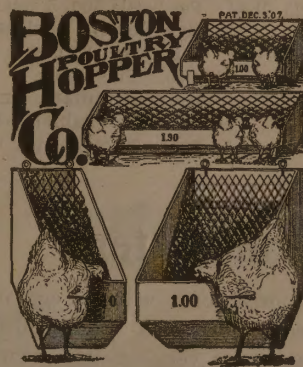
GALVANIZED POULTRY FOUNTS

These founts are made of galvanized metal; they are easily cleaned, not injured by freezing; water can be kept constantly fresh.

Price—Small size holds 1 qt 25c; medium size holds 2 qts, 40c each. Large size holds 4 qts, 50c each.

BOSTON FOOD HOPPERS

Made in Canada



Made of galvanized iron with swinging grid (mesh). Grid follows grain automatically, holding in place till all is consumed.

Small Chicken, 15 in. long, 8 in. high, 4½ in. deep. Holds one-half peck. Weight, 2½ lbs. Price \$1.00.

Long Chicken, 29 in. long, 8 in. high, 4½ in. deep. Holds one peck. Weight 3½ lbs. Price \$1.90.

Beef, Grit, etc., 17 in. high, 8 in. deep, 7 in. wide. Holds one peck. Weight, 3 lbs. Price .90.

Large Dry Feed, 17 in. high, 8 in. deep, 13 in. wide. Holds ½ bushel. Weight 4½ lbs. Price \$1.00.

PIGEON FOOD

Prices Subject to Market Changes

	per lb	per 10 lb	per 100 lb		per lb	per 10 lb	per 100 lb
Cinquantina	\$10	\$75	\$7.00	Peas Small, hard,			
Kaffir Corn, white	5	40	3 50	white	5	\$45	\$4 00
Tares, Black	5	45	4 00	Corn, Flint	5	40	3 50
Maple Peas	7	60	5 00	Wheat, hard red	5	35	3 00
Brittany Peas	5	45	4 00	Pigeon Food Mix-			
Tick Beans	8	70	6 00	ture	5	50	4 50
Indian Dari	10	75	7 00				

"Pigeon Keeping for Amateurs," by J. C. Lyell, 50 cents.

SPRATT'S FOODS, MEDICINES, ETC.

We are Agents for all Spratt's Manufactures and Supplies. Spratt's Descriptive Catalogue Mailed Free on Application

Spratt's Poultry Foods**PIN HEAD POULTRY MEAL**

For upwards of 40 years this food has had the largest sale of any Poultry food in the United Kingdom. It is easily prepared, just mixed crumbly moist with hot water and fed as the first morning meal. An increased egg supply and better condition of the birds will satisfy you of its value.

IT WILL REAR CHICKENS with the minimum loss. Do not take risks by attempting to rear exclusively on raw food. Our food REARS FROM THE SHELL and at the age of 6 weeks the chicks will be heavier and harder than birds fed entirely on dry foods. TEST THIS STATEMENT by feeding a few birds in this way and comparing with chicks fed any other. Small grain should be given at night as it takes longer to digest than our meal, therefore enables the chicks to withstand the long fast. In 25 lb bags, each \$1.75.

SPRATT'S CHIKKO

An evening dry feed for chicks, a nutritious and sustaining food requiring no preparation, contains grains, seeds, insect food, and egg flake carefully blended. Price per lb 10c, 3 lbs 25c, 10 lbs 75c, 25 lbs \$1.75.

SPRATT'S DOG CAKES**Patent Meat "Fibrine" Vegetable Dog Cakes with Beetroot—**

Per lb....	\$0 10	25 lbs....	\$1 75
3 lbs....	0 25	50 lbs....	3 50
5 lbs....	0 40	100 lbs....	7 00
10 lbs....	0 75		

Patent Cod Liver Oil Dog Cakes—2 lb. cartons 25c, 5 lbs 55c, 25 lb box \$2.

Terrier Biscuits—2 lb carton 20c, 25 lbs. \$1.95.

Puppy Cakes—1 lb. carton 10c, 2 lb. carton 20c, 5 lb bags 45c, 25 lb box \$1.90.

"Toy Pet" Dog Biscuit—Cartons, 2 lbs 25c.

Cat Food—Carton, 25c, 10 lb bag \$1, 25 lb bag, \$2.25.

Orphan Puppy Food—Per tin 3 lbs \$1, 1 lb 50c.

Pepsinated Puppy Meal—1 lb 20c, 3 lbs 50c.

Plain Puppy Meal—lb 15c, 2 lbs 25c, 5 lb 50c

Fibo, 5 lb bag, 50c.

Rodnim, 5 lb. bag 50c.

Puppy Bone Meal—Per tin 2 lbs 50c.

Patent Game or Pheasant Food—Per 10 lbs

80c, 25 lbs \$2.00, 100 lbs \$7.00.

"Crissel" Granulated Prairie Meat—

5 lbs 45c, 10 lbs 80c, 25 lbs \$2.00.

Imported Dog Brushes, Combs and Chains

—Prices on application.

SPRATT'S DOG MEDICINES

All medicines in bottles. Bottles or tins free by mail. Half-gallons, carriage extra.

Alternative Cooling Tablets—Price 50c

Anti-Rickets Tablets—Price 50c.

Cough Tablets—Per box 50c.

Diarrhoea and Dysentery Cure—Price 50c.

Distemper Cure Tablets—Price 75c.

Canker of the Ear Cure—Price 50c.

Eczema and Sarcopic Mange Cure (Oily)

—Per bottle 50c, ½ gallon \$2.00.

Eye Lotion Tablets—Price 50c.

Fit Cure Tablets—For Chorea or St. Vitus

Dance. Price 50c.

Hair Stimulant and Restorer—Bottle 50c.

Jaundice Tablets—50c.

Liver Tablets—Per box 50c.

POULTRY PELLETS

This food is recommended to be fed dry either alone or mixed with the grain feed. It is considerably in advance of the dry moist feeding system which has a tendency to cause chronic indigestion. Spratt's Poultry Pellets are rich in Carbo-Hydrates and will be found to be economical and reliable for egg production and general utility purposes. 25 lb bags, \$1.50 each.

SPRATT'S PATENT POULTRY MEAL

The Cheapest and Best in the Market

As an egg producer this food has no equal. It carries the bird from egg to exhibition pen without a check, and has probably more prize winners to its credit than all other foods combined. Per lb 10c, 3 lbs 25c, 10 lbs 75c, 25 lbs \$1.75c, 50 lbs \$3.25, 100 lbs \$6.00.

SPRATT'S POULTRY SPICE

The Egg Producer and Tonic

Its use during cold and damp weather enables birds to more easily withstand the many diseases to which they are susceptible Cholera, Roup and Indigestion disappear from the Poultry Yard. Its stimulating and tonic properties makes it invaluable during the moulting season. 4 oz packets, each 5c, per doz 40c. 1 lb packets, each 15c, 2½ lb packets, each 25c.

Locurium Tablets—Per box 50c.

Mange Cure—Bottle 50c, ½ gallon \$3.50.

Purgative Tablets—Per box 50c.

Rheumatism and Sprain Liniment—Per bottle 50c.

Tonic and Condition Tablets—Price 50c.

Vermifuge Capsules (worm cure for grown

dogs)—Price 50c.

Puppy Vermifuge Capsules (worm cure for

youngsters)—Price 50c.

Disinfectant—Crude "Sanitas" Disinfecting

Liquid. Per bottle 50c.

Dog Soap (white)—Per cake 25c.

Dog Soap, antiseptic black—50c per table.

SPRATT'S BOOKS

Poultry Culture—By Spratt's Patent, Free.

Dog Culture—By Spratt's Patent. Free.

Modern Training, Handling and Kennel

Management—By H. Waters, (Illustrated),

\$2, postage 20c extra.

House Dogs, Their Care and Treatment—

50c.

Pedigree Blanks—Each 5c, doz 40c.

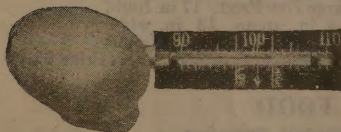
The Cat—By R. S. Huidekoper. A guide to

classification and a short treatise on their care.

etc. Cloth, \$1.00.

Rackham's Poultry Directory—Price \$1.00

postpaid.

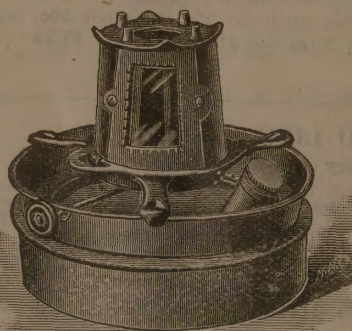
Inovo Egg Thermometer

It consists of a celluloid egg, in the centre of which is suspended the bulb of a very sensitive thermometer.

This thermometer will give the exact temperature at the centre of

the egg, in any and all incubators, no matter whether of the diffusion, radiant heat, hot air, or hot water type, and is the only thermometer made at the present time enabling the operator to secure absolutely the correct temperatures at any and all times without making any allowance for the age of the eggs, or the temperature of the room.

Price \$1.50 each

The Cyphers Safety Brooder Stove

The Cyphers Safety Brooder Stove

No other brooder stove on the market has as large water pan or holds as much oil. The safety water pan holds nearly a quart of water and nearly extends out over the entire surface of the oil bowl. By this arrangement all danger of the generation of explosive gases, or the burner becoming heated, is removed. The Cyphers Brooder Stove furnishes twice the heat of an ordinary Brooder Lamp, and lamps are far from being safe. Price, each \$2.50.



WE ARE AUTHORIZED AGENTS FOR GENUINE
Standard Cyphers Incubators Patented

(Look for Trade Mark—Demand the Label)

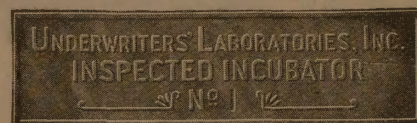
Practical poultry raisers who mean business and desire the greatest possible success should look for and DEMAND the qualities that have made Cyphers Incubators WORLD FAMOUS.

FIRE-PROOFED INSURABLE SELF VENTILATING

A copy of Cyphers Complete Catalogue and Poultry Growers Guide for 1912 (244 pages) will be mailed on receipt of **ten cents** to cover postage and mailing.

**SELF REGULATING
NON-MOISTURE
EFFICIENT. DURABLE**

DEMAND THIS LABEL



Form of Brass Label to be Found (in serial numbers) on Every Standard Cyphers Incubator, All Sizes.

FOR 1912 We offer our customers the Cyphers Company's complete line of incubators and brooders—the best on the market. For years the Cyphers Incubator has been consistently improved, always maintaining its leadership, until to-day it represents all that is most efficient, convenient and reliable in incubator construction.

TO OWN A CYPHERS is to have an incubator that stands **first**, not only because it has affixed to it the fire insurance label granted by the National Board of Fire Underwriters and bears a world-wide reputation, but because of the **well-established fact** that it is the **best hatcher** of large, vigorous, livable chicks. It is positively guaranteed to **outhatch** any other make of incubator under widely-varying conditions, season after season, and to last ten years without repairs.

Sizes and Prices of Cyphers Fire-Proofed Incubators Free on Board Cars

No. 0 Holds 70 Hen Eggs	\$16 00	No. 2 Holds 244 Hen Eggs	\$32 00
No. 1 " 144 " "	23 00	No. 3 " 390 " "	38.00

STANDARD CYPHERS COMBINATION BROODERS

And Colony Roosting Coops

Fire-proofed, Insurable, Self Regulating

FOR 1912 Cyphers Unequalled Apartment Brooders and Combination Roosting Coops have the same important advantages over all other makes that are possessed by Cyphers Company's 1911 incubators, in that they are fire-proofed and insurable, having the first fire insurance inspection label ever granted on a brooder.

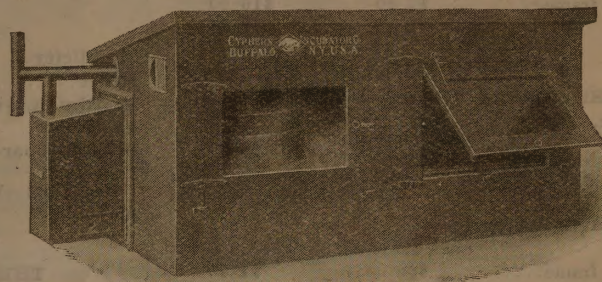
CYPHERS 1911 BROODERS, every size and style, are self-regulating, self-ventilating and varmint proof. The outdoor styles are useable also as colony coops for the growing chicks. They are easily and quickly converted into colony roosting coops by simply taking out the hover, which is made removable for that purpose.

THIS DOUBLE USE of the Cyphers Brooders means a considerable saving of money. It makes a safe and comfortable enclosure for the young chicks at night and saves the buying of a coop for them. These outdoor brooders, on account of their fire-proof construction, can be used indoors, although we supply a special brooder, Style D, for indoor purposes. All Cyphers 1911 Brooders, both outdoor and indoor, contain either two or three apartments. The popular Style B (shown in illustration herewith), contains three apartments—first, roomy space under the hover; second, hover chamber; third, well-lighted exercising apartment. It has often been said by users of the Cyphers Brooders that

THEY MOTHER THE CHICKS BETTER THAN A HEN

Sizes and Prices of Cyphers Adaptable Hover and Combination Brooders Free on Board Cars.

Adaptable Hoyer, capacity 75 chicks	\$12 00
Style A, Outdoor Brooder, capacity 75 chicks	15 00
Style B, Outdoor Brooder, capacity 100 chicks	20 00
Style C, Outdoor Brooder, capacity 100 chicks	21 00
Style D, Indoor Brooder, capacity 75 chicks	15 00



STYLE B OUTDOOR BROODER

(Three apartments. Safest and most popular "Foster Mother" ever designed.)

Lamp wick—for Incubator Lamps,	No. 0 & 1	Per Doz.
“ “ “ “	No. 2 & 3	\$0 25
Burners	No. 0	Each 60
“ “ “ “	No. 1	75
“ “ “ “	No. 2 & 3	90
Lamp Bowls	No. 0	1 00
“ “ “ “	No. 1, 2 & 3	1 20

Buckeye 50-Egg Incubator

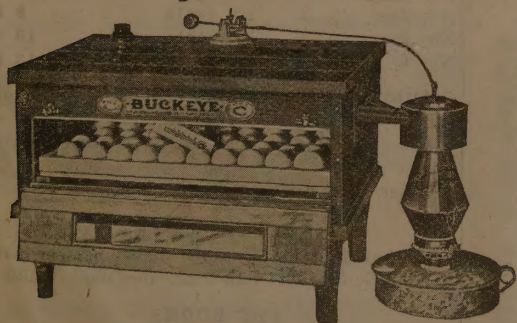
STYLE C.

Equipment

One tank and boiler, one burner with wick, one chimney, one thermometer, one thermometer holder, one complete Buckeye regulator, one egg tester and two egg trays.

Weight, crated,
35 lbs.

Complete, ready
to use, \$8.00.



BUCKEYE 50-EGG INCUBATOR. STYLE A
can be used with or without nursery drawer. Weight,
crated, 60 lbs. Complete, ready to use, **\$10.00.**

Buckeye 50-Chick Brooder

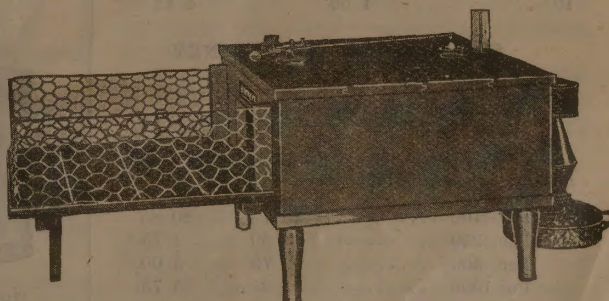
INDOOR No. 1. OVERHEAD HOT WATER SYSTEM

Equipment—

One tank and boiler, one lamp bowl, one burner with wick, one chimney, one thermometer, one complete regulator, one platform, one galvanized iron fence.

Weight crated, 50 lbs.

Complete with
yard, \$8.00.



BUCKEYE 50-CHICK BROODER, INDOOR No 1.

Dairy Supplies.

Parchment Paper—For packing and preserving butter:—1 lb butter size, 8x11, \$1.00 per 1,000 sheets, 100 sheets 15c. Postage, add 10c per 100 sheets extra. 2 lb butter size, 12x18, 100 sheets 30c; postage, 15c 100 sheets extra.

Printing—per thousand sheets \$1.25, in quantities not less than 1,000 sheets; 3,000 lots at \$1.00 per 1,000.

Thermometers

Standard Float—Will stand upright. The scale stands up out of the milk so that it can be easily read. Each 60c.

Ordinary Float—Price, each 40c.

MILKING TUBES—For Sore and Obstructed Teats and Hard Milking Cows.

Plated Silver—2 in. 25c; 3 in. 30c; 4 in. 35c.

Fly Knocker

A preparation for protecting Cows, Oxen, Horses, Dogs against Horse Fly, Gnats, Mosquitoes, Etc. Price, Quart Tin, 50c each, Gallon Tin, \$1.25.

Tree Tanglefoot

A sticky substance applied directly to the bark of trees to protect against climbing insect pests. One application remains sticky 3 to 4 months. Price, 1 lb can 50c, 3 lb can \$1.25, 10 lb can \$3.25, 20 lb can \$6.00.

Radix Worm Eradicator

The quickest, cheapest and most thorough on the market for destroying worms, etc., in lawns, tennis courts, etc. Price, 1 lb Cans 75c. Quantity price on application.

Climax Lawn Sand KILLS ALL WEEDS ON LAWNS

Absolutely destroys dandelions, plantains, moss, chickweed, and other weeds in lawns. It will not hurt the grass, but just the reverse, as it has some of the properties of a fertilizer. Applied with the hand any time during the summer months. Price, 3 lb can, for 150 sq. ft. 50c. 7 lb can, for 250 sq. ft. \$1.00. 14 lb can, for 500 sq. ft. \$1.50. 28 lb keg, 1000 sq. ft. \$2.50.

Eureka Weed Killer



Sample tins, 50c.

A special preparation, which dissolves in water without boiling over. Will destroy all weeds, moss, etc., on gravel walks, carriage drives, stable yards, courts, etc., and keeps them under for the whole season. It brightens gravel paths without staining or imparting any unpleasant odors, or making the paths greasy. Price, \$1.00 in 3-lb tins, sufficient for 100 square yards of path.

Bowker's Food for Flowers

Soluble in water, free from odor and clean to handle.

A fertilizer made expressly for plants grown in the house, garden or conservatory; clean, free from offensive odor, soluble in water, and producing healthy plants, free from vermin, with early and abundant blossoms to which it imparts luxuriant growth and rich brilliant flowers. Large Package, sufficient for 20 plants for one year, 35 cents, postpaid 45c. Small Package, sufficient for 20 plants for three months, 25 cents postpaid. Price in bulk, 5 lbs 75c, 10 lbs \$1.25, by express.

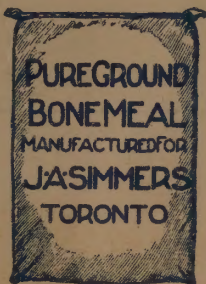
Clay's Fertilizers

Recommend to all who grow either fruit, flowers or vegetables. Should be used in potting soil and spread on staging of greenhouses planted with flowering plants. Per lb 20c. 3 lbs 50c. 10 lbs \$1.50. 25 lbs \$3.00. per bag 112 lbs \$7.00.

FERTILIZERS

GREGORY ON FERTILIZERS—Where to get Formulas for Various Crops. How to apply. By J. J. Gregory. Paper, Price 50c. postpaid.

Talks on Manure—By Joseph Harris, M.S., 366 pages, contains ample information on Manures and Fertilizers, their use, utility, effectiveness, etc. Price, bound in cloth, \$1.50, postpaid.



Potato Manure

Ammonia 3 to 4%; Phosphoric acid 8 to 10%; Potash 3 to 4%.

One of the highest grade manures, producing the largest potato crops of the very highest quality, especially for early potatoes, use from 400 to 800 lbs to the acre, well worked in the soil. Price, per lb. 10c, 10 lbs 50c, 100 lbs \$2.25, 200 lbs \$4.00, per ton \$37.50.

"Sure Growth"

For Grain, Grass, Grapes, Vegetables, etc.

Ammonia 3½ to 5%; Phosphoric Acid 8 to 10%; Potash 3 to 4%.

It is adapted to all soils, and not only yields immediate results but is also lasting in its effects. It gives the growing crop a vigorous start, and will greatly increase the yield. Use 200 to 400 lbs to the acre. Price, per lb 10c, 10 lbs 50c, 100 lbs \$2.25, 200 lbs sack \$4.00, per ton \$36.00.

Bone and Potash

Ammonia 2 to 3%; Phosphoric acid 9 to 10%; Potash 6 to 8%. Those who think they had rather have bone ought to have it combined with potash, since potash is fully as essential as bone. Price per lb 10c, 10 lbs 50c, 100 lbs \$2.25, 200 lbs \$4.00, per ton \$37.50.

Pure Bone Meal

Ammonia 3 to 5%; Phosphoric acid 20 to 25%. We guarantee our ground bone to be a strictly genuine article. It is made from clean, dry bones. We recommend it chiefly for grass and land feeding purposes. Use from 400 to 600 lbs per acre. Per lb 10c, 5 lbs 30c, 10 lbs 50c, 25 lbs 75c, 100 lbs \$2.25, 200 lbs \$4.00, per ton \$36.00.

Granulated Bone for Grapes

Per 10 lbs 35c, 100 lbs \$2.25, 200 lbs \$4.00.

Bone Flour

Per lb 10c, 10 lbs 50c, 50 lbs \$2.25, 100 lbs \$4.00.

Harris "H" Fertilizer

(Registered No. 285.)

Per lb 5c, 10 lbs 40c, 25 lbs 75c, 50 lbs \$1.00, 100 lbs \$1.50, ton \$27.50.

Celery and Early Vegetable Manure

Ammonia 5 to 7%; Phosphoric acid, 9 to 10%; Potash 5 to 7%. This manure is specially compounded for early use and suitable for all vegetables. Use from 400 to 600 lbs to the acre, well worked in the soil, hill or drill. Lb 10c, 10 lbs 50c, 100 lbs \$2.75, 200 lbs \$5.00, per ton \$44.00.

Tobacco Manure

Lb 10c, 10 lbs 50c, 50 lbs \$1.25, 100 lbs \$2.25, 200 lbs \$4.00, ton \$38.00.

Nitrate of Soda

This is valuable solely for the nitrogen it contains, equal to 20 per cent. of Ammonia. It is chiefly a stimulant; it is used in addition to other fertilizers. It is very quick in action, and hastens the maturity of crops fully two weeks, and besides renders the mineral plant food of the soil more assimilable. It is the best of all substitutes for stable manures, 100 to 150 lbs per acre, mixed with wood ashes or land plaster for convenience in applying are generally used. Price, per lb 10c, 5 lbs 35c, 10 lbs 60c, 25 lbs \$1.25, 50 lbs \$2.40, 100 lbs \$4.50.

Muriate of Potash

Eighty per cent. pure, equivalent to 48 to 50 per cent. actual potash. A high-grade fertilizer, and one of the best orchard fertilizers known, used largely in peach cultivation, and as a general fertilizer. Muriate of Potash and Ground Bone stands as a leader. 10 lbs 75c, 50 lbs \$2.25, 100 lbs \$4.

Sulphate of Potash

A desirable form of Potash to be used on all crops, but especially on tobacco, hops, potatoes, flax, sugar beets, cabbage or cauliflower. Use 50 to 400 lbs per acre. 10 lbs 80c, 25 lbs \$1.75, 50 lbs \$2.50, 100 lbs \$4.50.

Guano Standardized

A standard fertilizer throughout the entire country, and in almost universal use. A weak solution, applied once or twice a week, is very beneficial for house plants. Price, lb 10c, post paid 30c, 5 lbs 40c, 10 lbs 75c, 100 lbs \$4.50.

Simmers' Lawn Enricher

For Lawns and Flower Beds
(See inside front cover.)

Ten lbs is sufficient for 300 sq. feet. 5 lb pkg. 50c, 10 lb pkg. 75c, 25 lb pkg. \$1.25, 50 lbs \$2.00, 100 lbs \$3.50.

Wizard Brand Manures

These manures are prepared by a special process from fresh manures, thoroughly dried. The material is screened after being dried and all long hay or bedding is removed, so that the product shall be pure manure and nothing else.

Cattle Manure, shredded, per 50 lbs \$1.00; 100 lbs \$1.50; per ton \$25.00.

Sheep Manure, pulverized, per 50 lbs \$1.25; 100 lbs \$2.00; per ton \$30.00.

Land Salt

Per sack (200 lbs) \$1.30.

Land Plaster or Gypsum

Per bag of 200 lbs \$1.30.

Bon Arbor

Nature's Plant Food.

Good for flowering plants of every kind, lawns, shrubbery, vegetables, grape vines, fruit and shade trees and for everything pertaining to plant life.

½ lb pkg sufficient for 56 pints of liquid 25c, postpaid 30c; 1 lb pkg sufficient for 28 gallons of liquid 50c, postpaid 70c; 5 lb pkg sufficient for 140 gallons of liquid \$2.00, carriage extra.

Prepared Potting Soil

We can highly recommend our Prepared Fertilized Leaf Mould, and are confident you will be pleased with the results. It is put up in 100 and 200 lb sacks, and can be supplied at all seasons of the year. Per 25 lbs 35c, 50 lbs 55c, 100 lbs \$1.00.

Simmers' Concentrated Odorless Flower Food

This is one of the very best and most carefully prepared odorless Plant Foods on the market, being entirely soluble. It is very convenient to use in the house and conservatory. This plant food may be used in either dry or liquid form: the latter much the best, as no fertilizer acts until it becomes affected by moisture and then there is not the danger of giving an overdose. Large pkg 25c, postpaid 45c; small pkg 15c, postpaid 25c.



(ESTABLISHED 1856)

J.A. SIMMERS

LIMITED.

SEED MERCHANTS & GROWERS

143 TO 151 KING ST. E. **TORONTO**

ONT.



1912

TOMATO
MATCHLESS
PKT. 10¢, oz. 30¢



ONION
PRIZETAKER
PKT. 5¢, oz. 20¢, 2 oz. 35¢, 1/4 lb. 60¢

SWEET CORN
GOLDEN BANTAM
PKT. 5¢, lb. 20¢



CARROT
IMPROVED DANVERS HALF LONG
PER PKT. 10¢, oz. 20¢, 1/4 lb. 60¢

